A Complete Guide to ...

Written in NZ for NZ

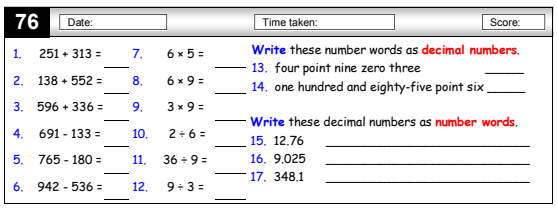
Daily Number Revision

Student Workbook

A Skills Mastery Programme

Book 5 - *Revised Edition*

(Suggested use at Year 6)



76 Date: Time taken: Score:

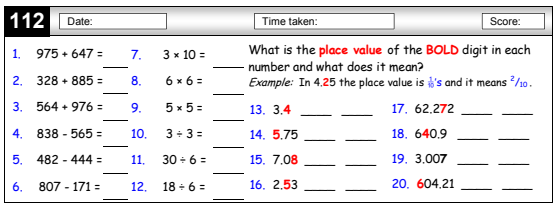
1. 251 + 313 = ___ 7. 6 × 5 = ___
2. 138 + 552 = ___ 8. 6 × 9 = ___
3. 596 + 336 = ___ 9. 3 × 9 = ___
4. 691 - 133 = ___ 10. 2 ÷ 6 = ___
5. 765 - 180 = ___ 11. 36 ÷ 9 = ___
6. 942 - 536 = ___ 12. 9 ÷ 3 = ___

Write these number words as **decimal numbers.**

13. four point nine zero three ___
14. one hundred and eighty-five point six ___

Write these decimal numbers as **number words.**

15. 12.76 ___
16. 9.025 ___
17. 348.1 ___



112 Date: Time taken: Score:

1. 975 + 647 = ___ 7. 3 × 10 = ___
2. 328 + 885 = ___ 8. 6 × 6 = ___
3. 564 + 976 = ___ 9. 5 × 5 = ___
4. 838 - 565 = ___ 10. 3 ÷ 3 = ___
5. 482 - 444 = ___ 11. 30 ÷ 6 = ___
6. 807 - 171 = ___ 12. 18 ÷ 6 = ___

What is the **place value** of the **BOLD** digit in each number and what does it mean?

Example: In 4.25 the place value is $\frac{1}{100}$'s and it means $^{5}/_{100}$.

13. 3.4 ___ ___
14. 5.75 ___ ___
15. 7.08 ___ ___
16. 2.53 ___ ___
17. 62.272 ___ ___
18. 640.9 ___ ___
19. 3.007 ___ ___
20. 604.21 ___ ___

This is ONE of a series of **7** resources that have been compiled using the **Achievement Objectives** from the appropriate level of the **NUMBER STRAND** as stated in the document ....

Mathematics in the New Zealand Curriculum

and information from the various resources of the ...

Numeracy Professional Development Project

ASSESSMENT ACTIVITIES INCLUDED

Name: _____ Class: _____

Author: A. W. Stark

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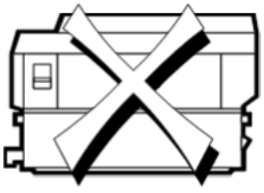

This resource ...

*A Complete Guide to

Daily Number Revision

Student Write-On Workbook - Book 5

(Suggested use at Years 6)

is one of a series of **SEVEN** resources covering the **NUMBER STRAND Achievement Objectives** as outlined in the ***NZ Mathematics Curriculum***, plus the **Numeracy Facts** of addition, subtraction, multiplication and division.

The **Number Strand Achievement Objectives** and the **Numeracy Facts** are the building blocks for success in all other strands of the Mathematics Curriculum. These resources have been designed to systematically cover these facts and provide teachers / pupils with a methodical way of introducing, developing and revising the **Number Strand** and **Numeracy Facts** on a daily basis.

How do I find my way around this resource?

This resource has been divided into SECTIONS as listed below.

Section	Information
1 (Pages 3 & 4)	Information about this resource and notes for pupils & parents / care-givers
2 (Pages 6 to 9)	Column graphs numbered 1 to 150. Once each of group of questions has been completed, mark your answers and graph your results.
3 (Pages 11 - 40)	150 Daily Number Revision Tasks, with space on each to record date, time taken to complete and score.
4 (Pages 42 - 48)	Formal Assessment ideas and Two Parallel Assessment Worksheets
5 (Middle of book)	Answers for 150 Daily Number Revision Tasks and Assessments.

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e-mail: aws.resources@xtra.co.nz

About this resource:

The **aim** of this resource is to provide a **systematic way** of introducing and revising the **Numeracy Facts (Number Knowledge)** and various **NUMBER STRAND Curriculum Achievement Objectives**, so that your child will be able to recall these facts with **accuracy** and **speed**. Knowledge of these facts forms the foundation for a pupil's confidence and success in all areas of mathematics.

In **Section 3** of this workbook there are 5 sets of questions per A4 page. There are 12 questions on the **Numeracy Facts (Number Knowledge)** and 2 to 12 questions involving the **NUMBER STRAND Curriculum Achievement Objectives**. It is intended that **one set** is to be completed **per day for 30 weeks of the year**. This would establish a routine of working on learning / revising the Numeracy facts / Number Strand questions every day in a structured way.

Above each set of questions there is a place to record the **time taken** to complete the questions. You can do the timing one of two ways. Either time the first 12 questions only (Numeracy facts) so that you can compare daily results or time how long it takes to complete all questions per set. As your child's confidence improves, set a time limit to complete the questions, especially questions 1 to 12 (Numeracy facts).

It is important that your child gets **immediate feed-back** by way of having the questions marked and their results can be plotted on the column graphs supplied in **Section 2**. As an extension activity, similar questions as contained within each set could be made up and asked orally.

There are two **Parallel Assessment Activity Sheets** included in **Section 4** covering the Numeracy facts and Number Strand Objectives that can be used as **pre or post assessments** to determine your child's prior numeracy / number strand skill level or to show improvement that has been made. For more information about assessment, see page 41.

Answers are provided for all questions in Books 2 to 7.

Numeracy / Number Strand activities in Book 5 (Year 6)

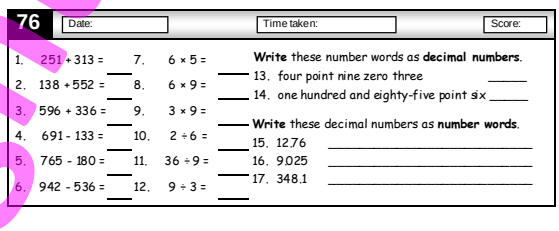
Book 5 (L3N2) contains 30 A4 sized activity sheets. On each activity sheet there are 5 sets of 12 to 24 questions. The following activities are included in this resource.

☑ **Numeracy Facts:**

- **Adding** 2 or 3-digit numbers **involving no carrying / carrying**.
- **Subtracting** 2 or 3-digit numbers with **no renaming / renaming**.
- Revising **multiplication & division facts** for **2x**, **3x**, **4x**, **5x**, **6x**, **7x** & **10x**.
- Introducing **multiplication & division facts** for **8x** & **9x**.

☑ **Number Strand:**

- **Counting** in multiples of **8** & **9**.
- Finding **multiples** and **factors** for a given number.
- **Reading** and **writing** 2 or 3-digit numbers as words and numerals.
- **Reading** and **writing** decimal numbers in words and as numerals.
- **Ordering** whole numbers and decimals.
- **Rounding** numbers to the nearest **$1**, **10**, **$10**, **100** or **$100**.
- Adding, subtracting, multiplying and dividing money.
- Word problems involving **all numeracy skills**.
- **Place value** in money totals.
- 1's, 10's & 100's **place value** in 3-digit numbers.
- $^1/_{10}$'s, $^1/_{100}$'s, 1's, 10's & 100's **place value** in decimal numbers.
- Understanding & working with **fractions**.
- Matching **equivalent** fractions.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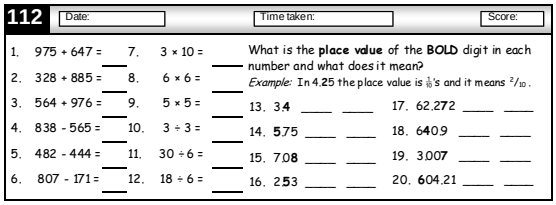
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What is the **place value** of the **BOLD** digit in each number and what does it mean?
Example: In 4.25 the place value is $^1/_{100}$'s and it means $^2/_{10}$.
13. 3.4 17. 62.272
14. 5.75 18. 6.409
15. 7.08 19. 3.007
16. 2.53 20. 604.21

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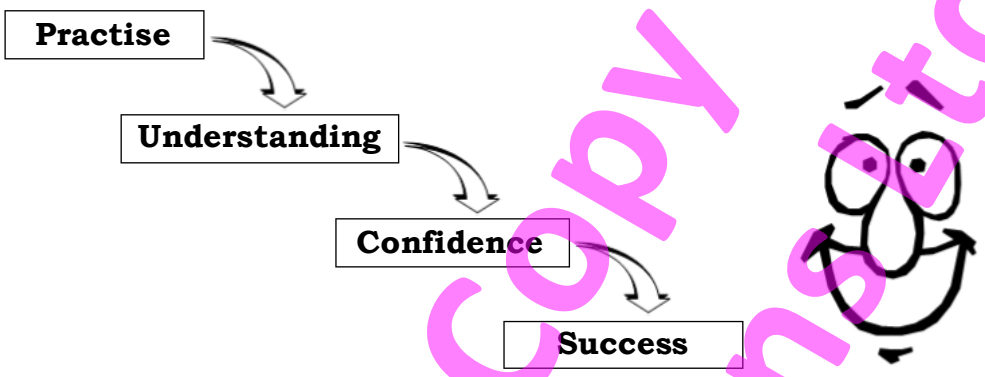
Note to Students:

I am sure you would love not to have to do homework. However, we will only get better at many things we do or learn, if we practise. I am sure you have heard the old saying 'practice makes perfect'.

In class you are shown and taught lots of new ideas. The reason for doing your homework is to practise what you have been taught in class. If you can do it on your own at home, or maybe with a little help from someone at home, then it shows you have remembered what you were shown in class.



No-one can make you learn. Your teachers, parents / caregivers and friends can help, but at the end of the day it's up to you. You do not have to always get it right, as long as you have tried to do the very best you can. Remember to ask for help if you do not understand or if you are not sure of what you have to do.

This resource has been written to help make doing your homework easier for both you and your teacher.

Good luck.

Note to Parents / Caregivers:

You may not have found mathematics easy when you were at school nor do you have to be good at it. All you have to do is encourage your son / daughter to do the very best he / she can. We cannot ask more from our children, than they are able to give. Try to be realistic with your own expectations of how well you think they should be doing at school.

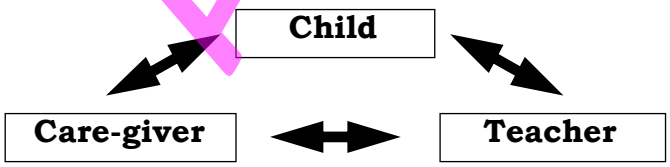
To help your son / daughter, here are some ideas ...

- ☑ Provide a place where they can work quietly without too many distractions. Background music is okay, but television is too distracting because of the pictures.
- ☑ Provide them with the equipment they need.
- ☑ Help them work out when is the best time to do their homework, encouraging them to establish routines. Remember they do need some time off to enjoy themselves, so do not expect them to work all the time.
- ☑ Give them plenty of encouragement and praise. Mark their work and encourage them to complete each column graph to plot their results.

Our children need our support and encouragement if they are to do well. If your son / daughter is having a lot of trouble understanding the work, it may be a good idea to contact their teacher to talk about the best way you can help.

Good luck.

Successful learning requires teamwork.



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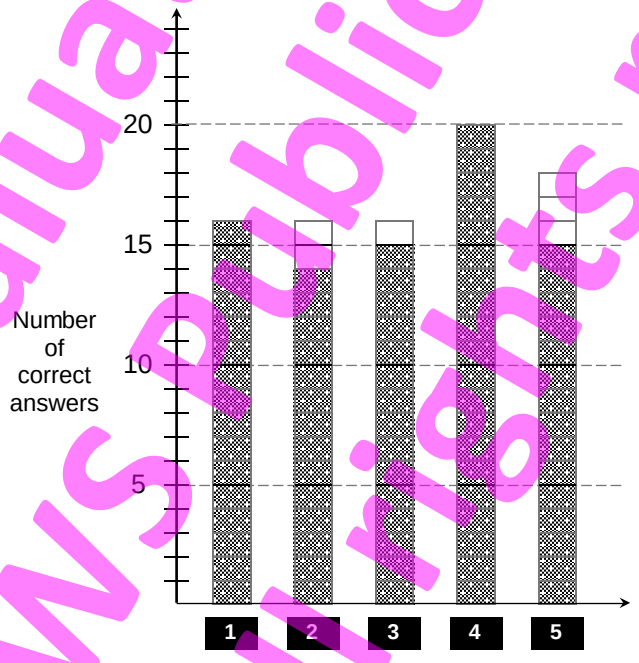
Column Graph Masters

Use the column graphs on the following pages to plot your child's progress.

Mark each set of questions, then graph the results.

Graphing the results gives visual feedback.

Example:



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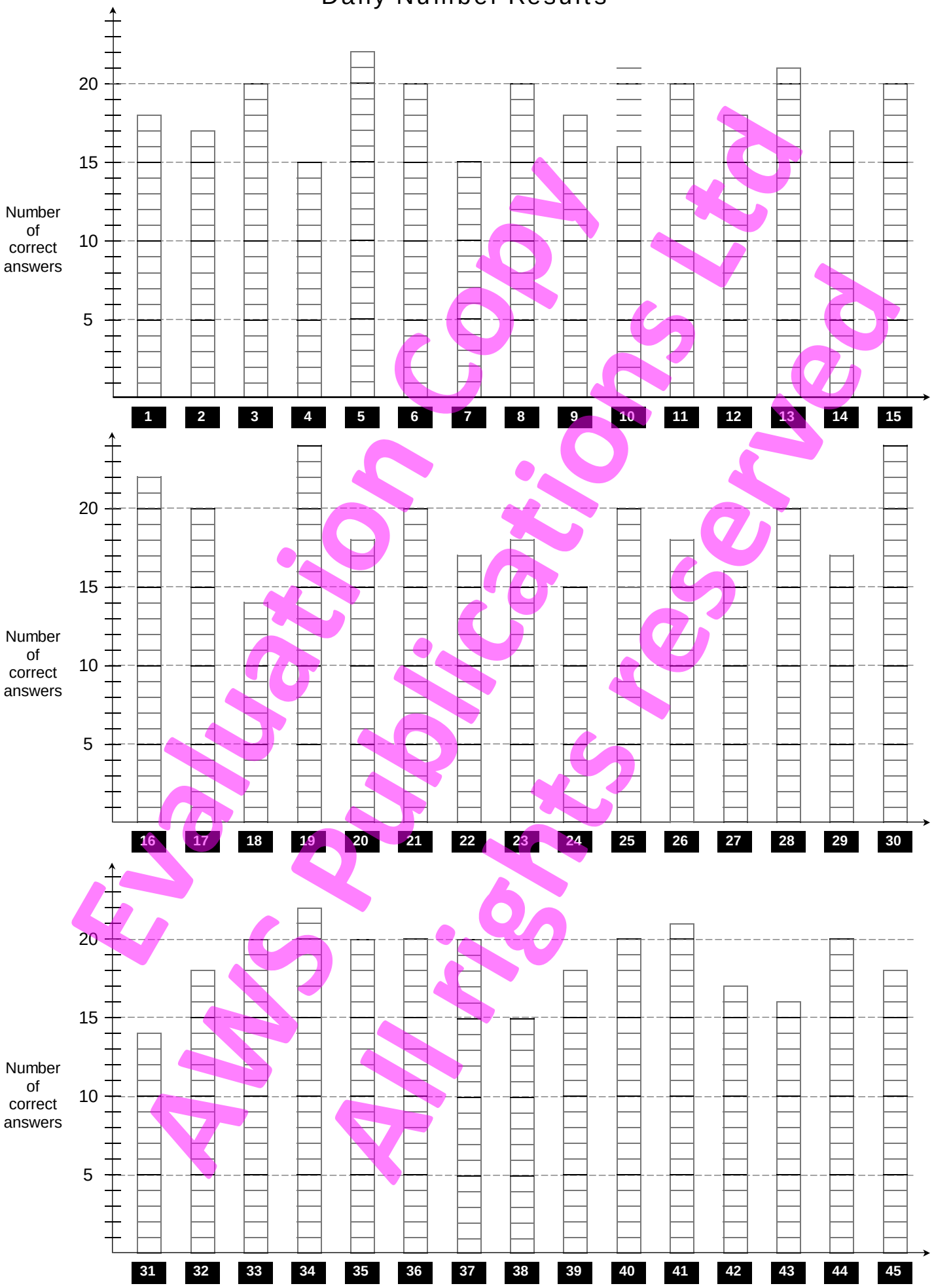
Daily Number Results



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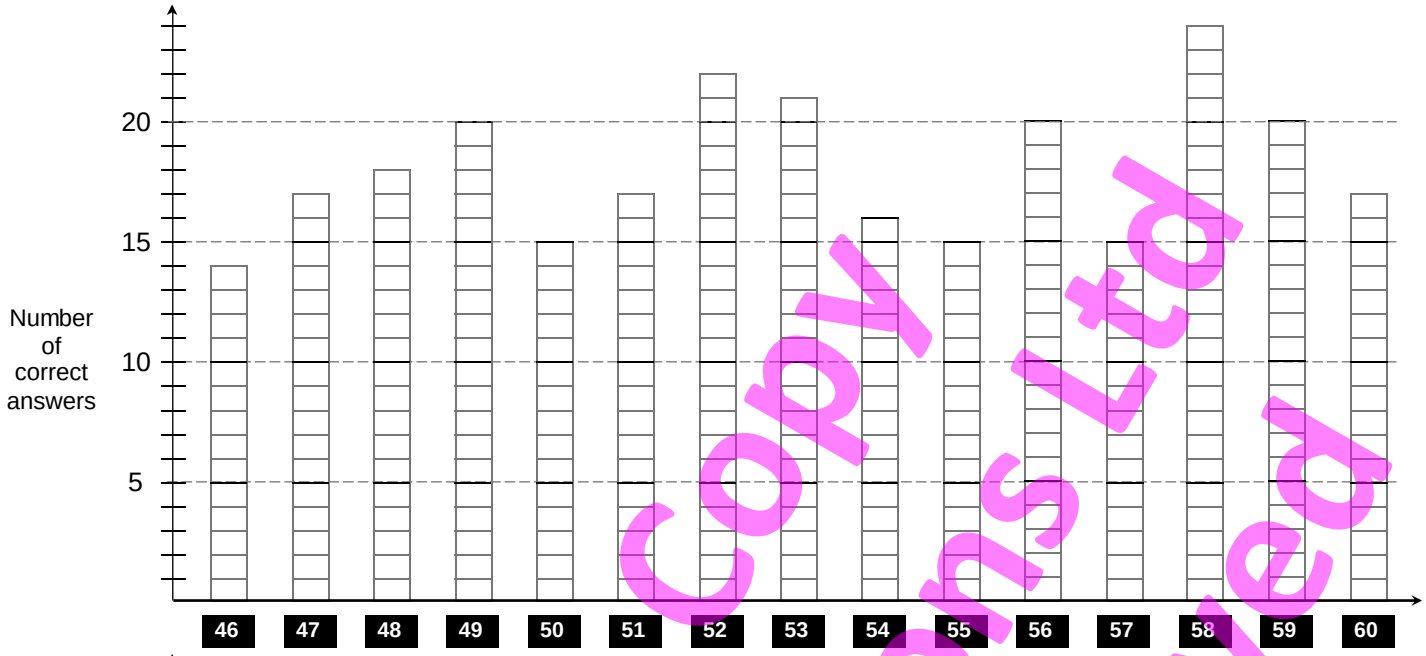

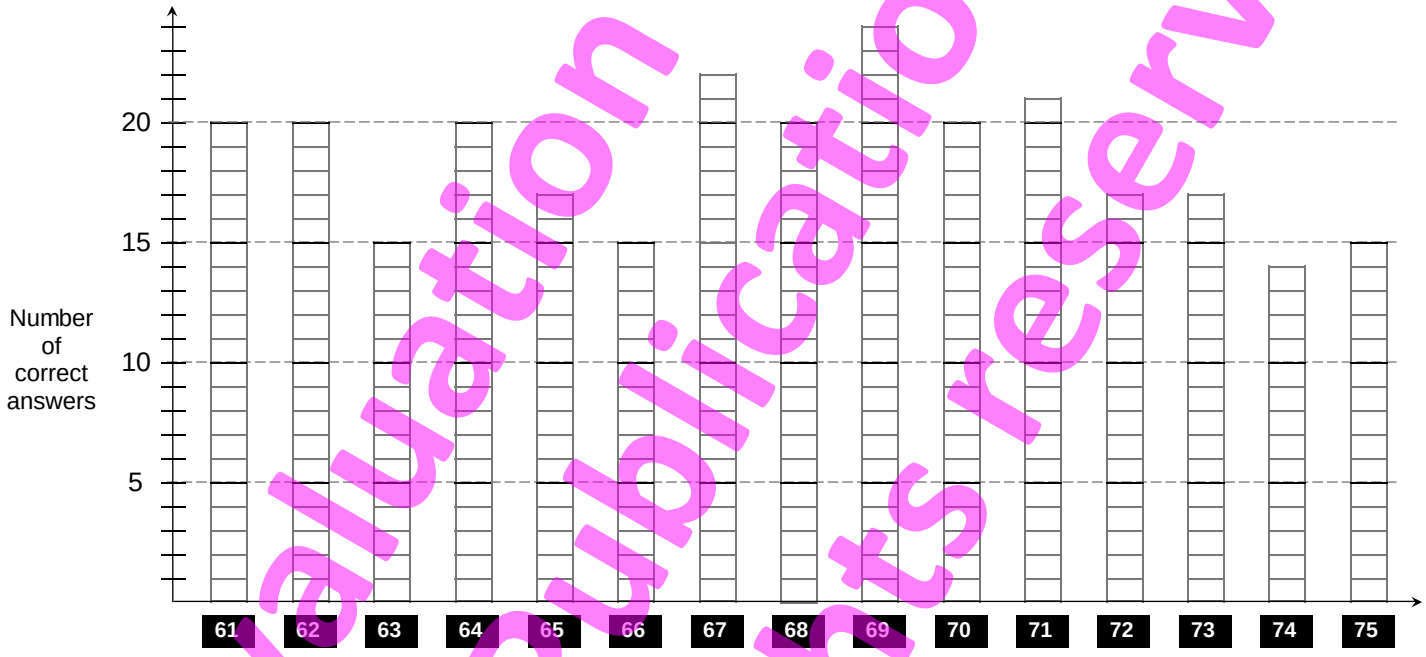

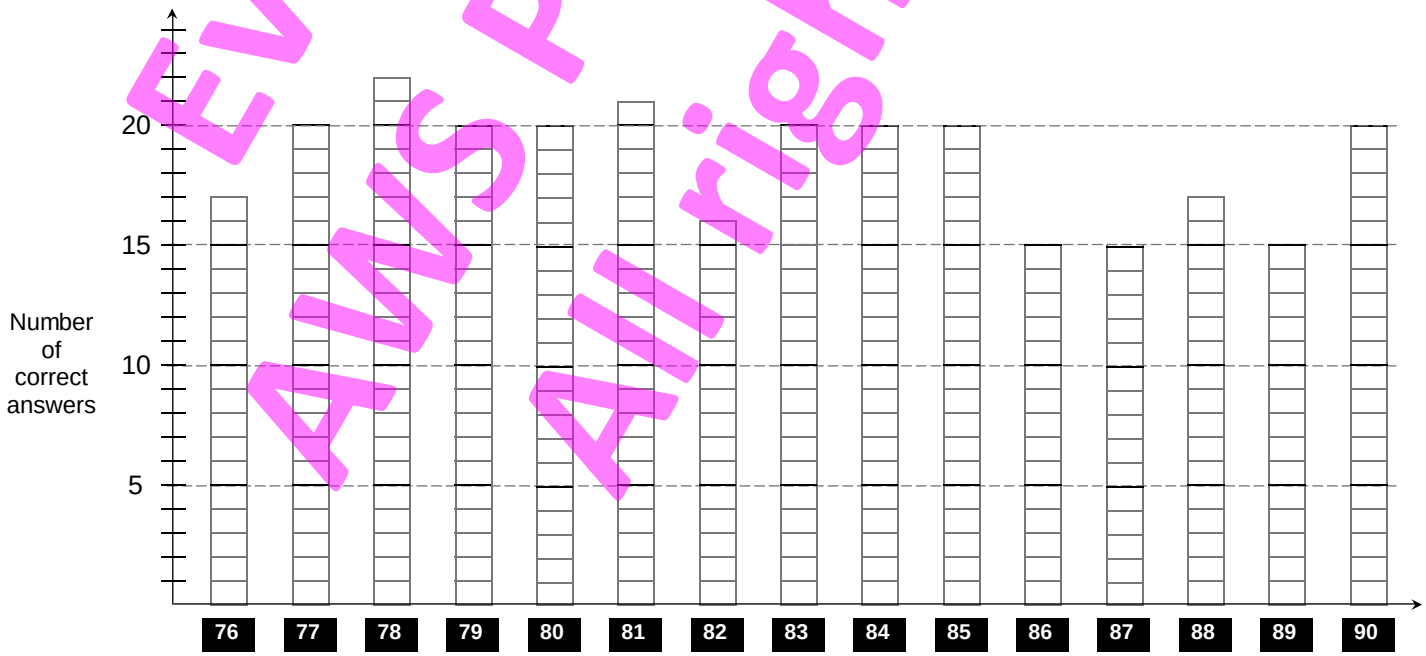

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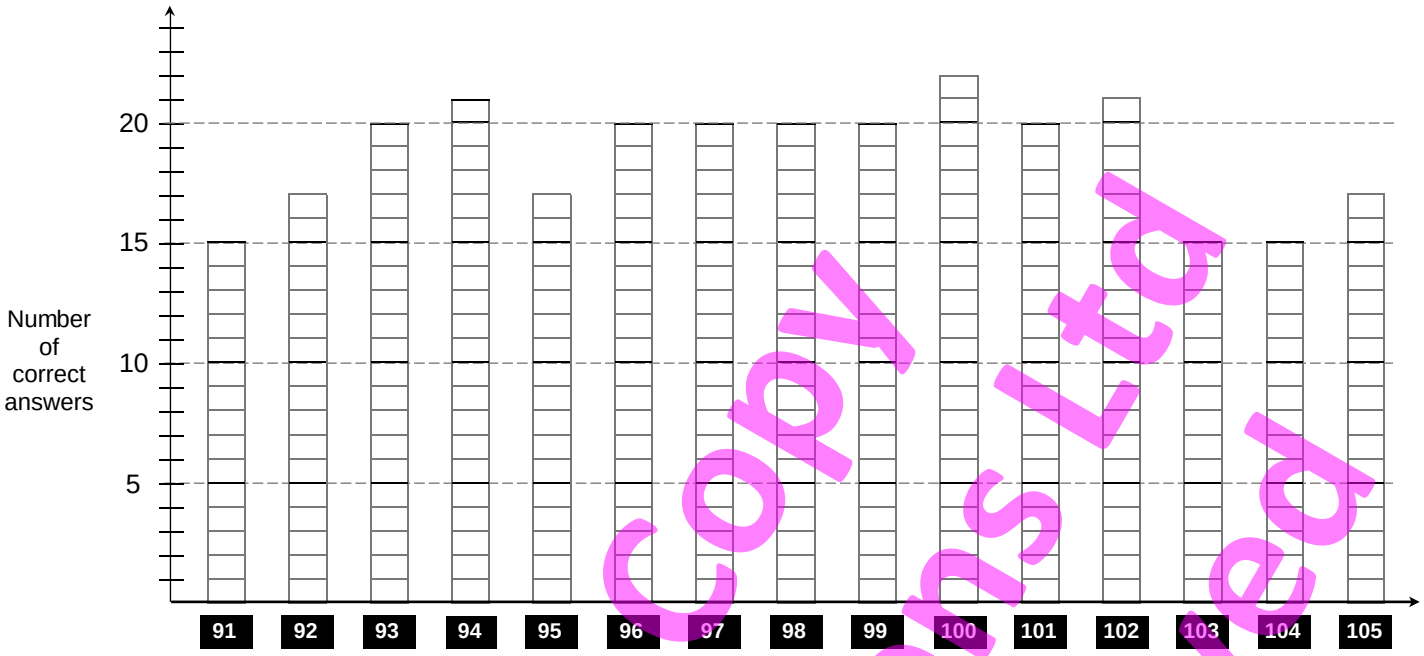

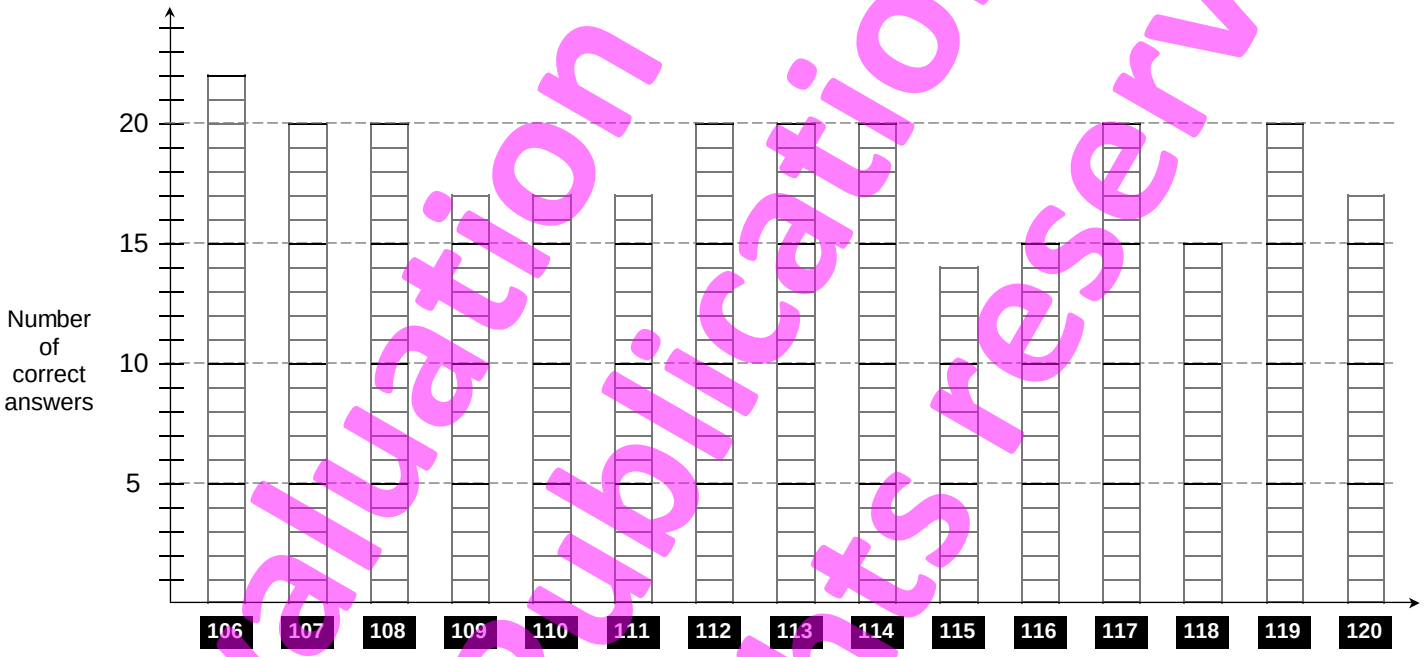

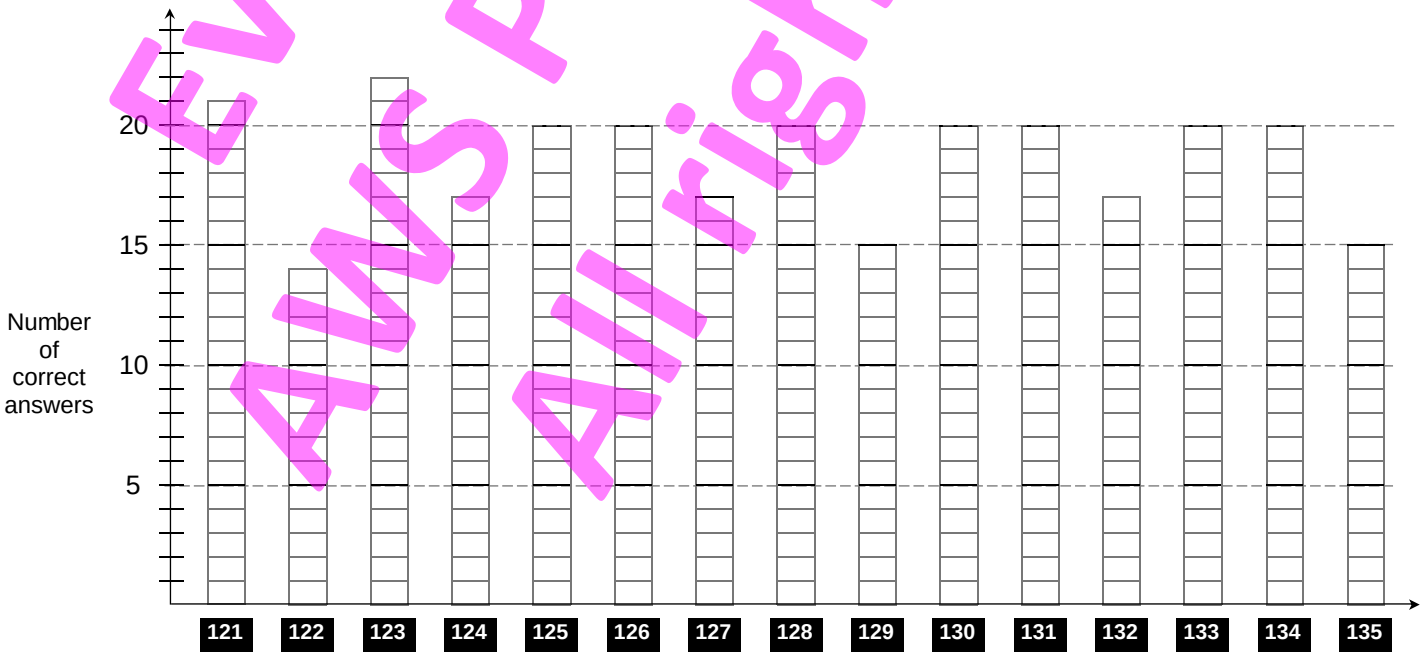

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1

Date: Time taken: Score:

(1) 72 + 55 = ____ (7) 1 × 4 = ____

(2) 91 + 92 = ____ (8) 6 × 5 = ____

(3) 24 + 94 = ____ (9) 10 × 3 = ____

(4) 58 - 27 = ____ (10) 24 ÷ 4 = ____

(5) 80 - 39 = ____ (11) 18 ÷ 6 = ____

(6) 36 - 11 = ____ (12) 12 ÷ 3 = ____

As you count in **8's**, what number comes **before** ...

(13) ____, 16 (14) ____, 32 (15) ____, 56

As you count in **8's**, what number comes **after** ...

(16) 24, ____ (17) 40, ____ (18) 48, ____

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2

Date: Time taken: Score:

(1) 83 + 81 = ____ (7) 4 × 6 = ____

(2) 36 + 91 = ____ (8) 3 × 6 = ____

(3) 63 + 56 = ____ (9) 3 × 4 = ____

(4) 42 - 28 = ____ (10) 20 ÷ 4 = ____

(5) 59 - 19 = ____ (11) 60 ÷ 6 = ____

(6) 71 - 55 = ____ (12) 24 ÷ 3 = ____

Write these number words as **2** or **3-digit numbers**.

(13) seventy-five ____

(14) one hundred and thirty-seven ____

Write these 2 or 3-digit numbers as **number words**.

(15) 263 ____

(16) 415 ____

(17) 792 ____

3

Date: Time taken: Score:

(1) 73 + 31 = ____ (7) 5 × 4 = ____

(2) 61 + 76 = ____ (8) 6 × 10 = ____

(3) 39 + 92 = ____ (9) 8 × 3 = ____

(4) 76 - 52 = ____ (10) 12 ÷ 4 = ____

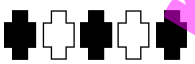
(5) 90 - 58 = ____ (11) 24 ÷ 6 = ____

(6) 68 - 36 = ____ (12) 6 ÷ 3 = ____

What **fraction** of each group of shapes is shaded?

(13)  ____

(14)  ____

(15)  ____

(16)  ____

(17)  ____

(18)  ____

(19)  ____

(20)  ____

4

Date: Time taken: Score:

(1) 67 + 91 = ____ (7) 4 × 3 = ____

(2) 53 + 63 = ____ (8) 4 × 6 = ____

(3) 92 + 23 = ____ (9) 3 × 2 = ____

(4) 91 - 46 = ____ (10) 40 ÷ 4 = ____

(5) 79 - 68 = ____ (11) 48 ÷ 6 = ____

(6) 82 - 27 = ____ (12) 27 ÷ 3 = ____

List these numbers in **order** of **smallest** to **largest**.

23, 56, 17, 85, 61, 43, 60, 26, 57

(13) ____

96, 42, 37, 56, 87, 41, 65, 74, 64

(14) ____

24, 86, 74, 19, 68, 53, 61, 94, 87

(15) ____

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5

Date: Time taken: Score:

(1) 32 + 71 = ____ (7) 10 × 4 = ____

(2) 84 + 53 = ____ (8) 6 × 8 = ____

(3) 92 + 46 = ____ (9) 9 × 3 = ____

(4) 67 - 44 = ____ (10) 4 ÷ 4 = ____

(5) 41 - 37 = ____ (11) 30 ÷ 6 = ____

(6) 92 - 81 = ____ (12) 30 ÷ 3 = ____

What is the value of the **BOLD** digit in each money total? *Example:* In $4**2**5 the 2 = $20.

(13) $3**9** ____

(14) $**2**6 ____

(15) $1**7**5 ____

(16) $**4**03 ____

(17) $94**2** ____

(18) $**2**74 ____

(19) $65**3** ____

(20) $1**4**9 ____

(21) $**5**23 ____

(22) $7**9**0 ____

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6

Date: Time taken: Score:

(1) 82 + 46 = ____ (7) 4 × 7 = ____

(2) 35 + 81 = ____ (8) 2 × 6 = ____

(3) 85 + 42 = ____ (9) 3 × 7 = ____

(4) 73 - 18 = ____ (10) 32 ÷ 4 = ____

(5) 68 - 55 = ____ (11) 54 ÷ 6 = ____

(6) 90 - 37 = ____ (12) 3 ÷ 3 = ____

Adding 2 and 3-digit whole numbers.

(13) 61 + 29 = ____ (17) 141 + 971 = ____

(14) 93 + 86 = ____ (18) 833 + 259 = ____

(15) 78 + 97 = ____ (19) 149 + 975 = ____

(16) 76 + 69 = ____ (20) 471 + 879 = ____

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7

Date: Time taken: Score:

(1) 92 + 16 = ____ (7) 8 × 4 = ____

(2) 37 + 72 = ____ (8) 6 × 9 = ____

(3) 56 + 73 = ____ (9) 1 × 3 = ____

(4) 66 - 23 = ____ (10) 8 ÷ 4 = ____

(5) 81 - 13 = ____ (11) 42 ÷ 6 = ____

(6) 89 - 37 = ____ (12) 18 ÷ 3 = ____

(13) In Rooms 7 and 8 there are 25 boys and 27 girls. How many pupils are in these two classes? ____

(14) If James had $40.00 and spent $25.60, how much would James have left? ____

(15) If there are 12 blocks in each pile, how many blocks are there in 5 piles of blocks? ____

8

Date: Time taken: Score:

(1) 92 + 54 = ____ (7) 4 × 2 = ____

(2) 72 + 62 = ____ (8) 7 × 6 = ____

(3) 56 + 52 = ____ (9) 3 × 6 = ____

(4) 90 - 26 = ____ (10) 36 ÷ 4 = ____

(5) 67 - 33 = ____ (11) 6 ÷ 6 = ____

(6) 83 - 69 = ____ (12) 15 ÷ 3 = ____

Multiplying whole numbers.

(13) 26 × 3 = ____ (14) 71 × 4 = ____ (15) 38 × 5 = ____ (16) 59 × 6 = ____

(17) 409 × 3 = ____ (18) 328 × 4 = ____ (19) 617 × 5 = ____ (20) 470 × 6 = ____

9

Date: Time taken: Score:

(1) 84 + 93 = ____ (7) 9 × 4 = ____

(2) 47 + 72 = ____ (8) 6 × 1 = ____

(3) 51 + 73 = ____ (9) 5 × 3 = ____

(4) 69 - 48 = ____ (10) 28 ÷ 4 = ____

(5) 91 - 12 = ____ (11) 36 ÷ 6 = ____

(6) 86 - 64 = ____ (12) 9 ÷ 3 = ____

As you count in **9's**, what number comes **before** ...

(13) ____, 36 (14) ____, 72 (15) ____, 90

As you count in **9's**, what number comes **after** ...

(16) 9, ____ (17) 36, ____ (18) 54, ____

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10

Date: Time taken: Score:

(1) 91 + 25 = ____ (7) 4 × 7 = ____

(2) 72 + 47 = ____ (8) 6 × 6 = ____

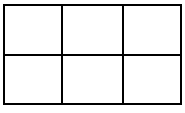
(3) 84 + 71 = ____ (9) 3 × 3 = ____

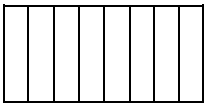
(4) 73 - 64 = ____ (10) 28 ÷ 4 = ____

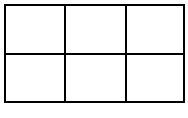
(5) 86 - 75 = ____ (11) 12 ÷ 6 = ____

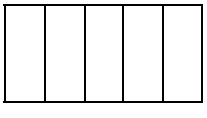
(6) 60 - 15 = ____ (12) 21 ÷ 3 = ____

Shade in part of each diagram to show you understand these fractions.

(13) $\frac{1}{2}$ 

(14) $\frac{1}{4}$ 

(15) $\frac{1}{3}$ 

(16) $\frac{3}{5}$ 

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11

Date: Time taken: Score:

(1) 46 + 72 = (7) 8 × 6 =

(2) 94 + 32 = (8) 4 × 9 =

(3) 61 + 84 = (9) 0 × 7 =

(4) 35 - 25 = (10) 12 ÷ 6 =

(5) 80 - 44 = (11) 28 ÷ 4 =

(6) 57 - 35 = (12) 42 ÷ 7 =

Subtracting 2 and 3-digit whole numbers.

(13) 87 - 41 = (17) 810 - 695 =

(14) 96 - 36 = (18) 645 - 498 =

(15) 670 - 49 = (19) 761 - 579 =

(16) 706 - 92 = (20) 902 - 739 =

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12

Date: Time taken: Score:

(1) 83 + 54 = (7) 6 × 2 =

(2) 41 + 63 = (8) 7 × 4 =

(3) 73 + 65 = (9) 7 × 6 =

(4) 41 - 14 = (10) 54 ÷ 6 =

(5) 89 - 56 = (11) 4 ÷ 4 =

(6) 92 - 66 = (12) 35 ÷ 7 =

As you count in **8's**, what number comes **before** ...

(13) ____, 24 (14) ____, 64 (15) ____, 88

As you count in **8's**, what number comes **after** ...

(16) 8, ____ (17) 32, ____ (18) 72, ____

13

Date: Time taken: Score:

(1) 41 + 87 = (7) 9 × 6 =

(2) 85 + 23 = (8) 4 × 0 =

(3) 54 + 81 = (9) 5 × 7 =

(4) 58 - 44 = (10) 42 ÷ 6 =

(5) 72 - 49 = (11) 24 ÷ 4 =

(6) 64 - 21 = (12) 21 ÷ 7 =

Dividing by whole numbers.

(13) $2\overline{)3076}$ (14) $2\overline{)1528}$ (15) $2\overline{)1804}$

(16) $5\overline{)1975}$ (17) $5\overline{)3010}$ (18) $5\overline{)9370}$

(19) $3\overline{)4935}$ (20) $3\overline{)2406}$ (21) $3\overline{)2217}$

14

Date: Time taken: Score:

(1) 92 + 81 = (7) 6 × 7 =

(2) 68 + 61 = (8) 6 × 4 =

(3) 33 + 84 = (9) 7 × 3 =

(4) 92 - 75 = (10) 6 ÷ 6 =

(5) 69 - 15 = (11) 20 ÷ 4 =

(6) 83 - 67 = (12) 70 ÷ 7 =

Write these number words as **2** or **3-digit numbers**.

(13) fifty-three ____

(14) two hundred and ninety-eight ____

Write these 2 or 3-digit numbers as **number words**.

(15) 349 ____

(16) 271 ____

(17) 818 ____

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15

Date: Time taken: Score:

(1) 11 + 91 = (7) 0 × 6 =

(2) 84 + 43 = (8) 4 × 5 =

(3) 51 + 86 = (9) 10 × 7 =

(4) 64 - 52 = (10) 48 ÷ 6 =

(5) 40 - 13 = (11) 36 ÷ 4 =

(6) 97 - 76 = (12) 7 ÷ 7 =

What is the **place value** of the **BOLD** digit in each number and what does it mean?

Example: In 4**2**5 the place value is 10's and it means 20.

(13) **6**5 ____ ____ (17) **6**74 ____ ____

(14) **7**2 ____ ____ (18) 12**9** ____ ____

(15) 4**2**9 ____ ____ (19) 9**3**1 ____ ____

(16) **5**21 ____ ____ (20) **4**23 ____ ____

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16

Date: Time taken: Score:

(1) 45 + 84 = ____ (7) 6 × 6 = ____

(2) 55 + 62 = ____ (8) 3 × 4 = ____

(3) 92 + 72 = ____ (9) 7 × 4 = ____

(4) 62 - 24 = ____ (10) 30 ÷ 6 = ____

(5) 75 - 12 = ____ (11) 40 ÷ 4 = ____

(6) 80 - 72 = ____ (12) 56 ÷ 7 = ____

What is the value of the **BOLD** digit in each money total? *Example:* In $4**2**5 the 2 = $20.

(13) $**2**9 ____ (18) $**6**07 ____

(14) $**3**4 ____ (19) $23**2** ____

(15) $**9**61 ____ (20) $**2**37 ____

(16) $**3**59 ____ (21) $**6**89 ____

(17) $**3**47 ____ (22) $**4**73 ____

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17

Date: Time taken: Score:

(1) 71 + 88 = ____ (7) 5 × 6 = ____

(2) 82 + 34 = ____ (8) 4 × 10 = ____

(3) 63 + 52 = ____ (9) 8 × 7 = ____

(4) 97 - 17 = ____ (10) 18 ÷ 6 = ____

(5) 62 - 33 = ____ (11) 16 ÷ 4 = ____

(6) 94 - 23 = ____ (12) 14 ÷ 7 = ____

What **fraction** of each group of shapes is shaded?

(13) ____ 

(14) ____ 

(15) ____ 

(16) ____ 

(17) ____ 

(18) ____ 

(19) ____ 

(20) ____ 

18

Date: Time taken: Score:

(1) 97 + 31 = ____ (7) 6 × 3 = ____

(2) 61 + 72 = ____ (8) 4 × 4 = ____

(3) 25 + 82 = ____ (9) 7 × 2 = ____

(4) 60 - 11 = ____ (10) 60 ÷ 6 = ____

(5) 54 - 44 = ____ (11) 32 ÷ 4 = ____

(6) 81 - 79 = ____ (12) 63 ÷ 7 = ____

(13) **Add** up Rangi's shopping list.

$7.45
$5.87
$3.15
$12.64
+ $4.85
____

(14) If Rangi paid for his groceries with two $20.00 notes, how much change would he get back?

____
-
____

19

Date: Time taken: Score:

(1) 92 + 53 = ____ (7) 10 × 6 = ____

(2) 61 + 65 = ____ (8) 4 × 8 = ____

(3) 23 + 95 = ____ (9) 9 × 7 = ____

(4) 52 - 12 = ____ (10) 24 ÷ 6 = ____

(5) 63 - 56 = ____ (11) 8 ÷ 4 = ____

(6) 98 - 32 = ____ (12) 49 ÷ 7 = ____

Round these money amounts to the nearest **$10**.

(13) $26 ____ (14) $64 ____ (15) $82 ____

(16) $347 ____ (17) $751 ____ (18) $443 ____

Round these money amounts to the nearest **$100**.

(19) $653 ____ (20) $741 ____ (21) $167 ____

(22) $924 ____ (23) $486 ____ (24) $250 ____

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20

Date: Time taken: Score:

(1) 83 + 33 = ____ (7) 6 × 4 = ____

(2) 71 + 54 = ____ (8) 2 × 4 = ____

(3) 44 + 94 = ____ (9) 7 × 7 = ____

(4) 91 - 28 = ____ (10) 36 ÷ 6 = ____

(5) 78 - 21 = ____ (11) 12 ÷ 4 = ____

(6) 83 - 55 = ____ (12) 28 ÷ 7 = ____

As you count in **9's**, what number comes **before** ...

(13) ____, 27 (14) ____, 45 (15) ____, 63

As you count in **9's**, what number comes **after** ...

(16) 27, ____ (17) 63, ____ (18) 81, ____

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21

Date: Time taken: Score:

(1) 67 + 91 = (7) 6 × 8 =

(2) 53 + 63 = (8) 8 × 3 =

(3) 92 + 23 = (9) 4 × 8 =

(4) 79 - 34 = (10) 40 ÷ 8 =

(5) 94 - 89 = (11) 80 ÷ 8 =

(6) 47 - 21 = (12) 64 ÷ 8 =

Multiplying whole numbers.

(13) 69 × 2 = (14) 45 × 4 = (15) 29 × 5 = (16) 37 × 7 =

(17) 597 × 2 = (18) 690 × 4 = (19) 504 × 5 = (20) 496 × 7 =

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22

Date: Time taken: Score:

(1) 32 + 71 = (7) 8 × 5 =

(2) 84 + 53 = (8) 10 × 8 =

(3) 92 + 46 = (9) 8 × 8 =

(4) 74 - 46 = (10) 24 ÷ 8 =

(5) 47 - 32 = (11) 32 ÷ 8 =

(6) 95 - 77 = (12) 16 ÷ 8 =

Find each fraction of these whole numbers.

(13) $\frac{1}{2}$ of $28 = (14) $\frac{1}{3}$ of $24 =

(15) $\frac{1}{4}$ of $48 = (16) $\frac{1}{5}$ of $60 =

(17) If $32 is shared between two people, how much does each person get?

23

Date: Time taken: Score:

(1) 46 + 72 = (7) 3 × 8 =

(2) 94 + 32 = (8) 8 × 4 =

(3) 61 + 84 = (9) 2 × 8 =

(4) 95 - 64 = (10) 80 ÷ 8 =

(5) 74 - 28 = (11) 64 ÷ 8 =

(6) 79 - 53 = (12) 72 ÷ 8 =

As you count in **8's**, what number comes **before** ...

(13) ____, 40 (14) ____, 80 (15) ____, 96

As you count in **8's**, what number comes **after** ...

(16) 16, ____ (17) 48, ____ (18) 80, ____

24

Date: Time taken: Score:

(1) 83 + 54 = (7) 8 × 10 =

(2) 41 + 63 = (8) 8 × 8 =

(3) 73 + 65 = (9) 8 × 9 =

(4) 75 - 66 = (10) 32 ÷ 8 =

(5) 95 - 63 = (11) 16 ÷ 8 =

(6) 76 - 38 = (12) 56 ÷ 8 =

(13) In Rooms 7 and 8 there are 32 boys and 29 girls. How many pupils are in these two classes?

(14) If Samuel had $50.00 and spent $28.00, how much would Samuel have left?

(15) If there are 10 blocks in each pile, how many blocks are there in 9 piles of blocks?

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25

Date: Time taken: Score:

(1) 41 + 87 = (7) 4 × 8 =

(2) 85 + 23 = (8) 8 × 2 =

(3) 54 + 81 = (9) 7 × 8 =

(4) 99 - 52 = (10) 48 ÷ 8 =

(5) 55 - 19 = (11) 24 ÷ 8 =

(6) 83 - 23 = (12) 32 ÷ 8 =

Adding 2 and 3-digit whole numbers.

(13) 57 + 34 = (17) 471 + 878 =

(14) 61 + 97 = (18) 904 + 836 =

(15) 89 + 67 = (19) 976 + 748 =

(16) 48 + 72 = (20) 667 + 868 =

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26

Date: Time taken: Score:

(1) 72 + 55 = ____ (7) 8 × 8 = ____

(2) 91 + 92 = ____ (8) 9 × 8 = ____

(3) 24 + 94 = ____ (9) 8 × 0 = ____

(4) 84 - 35 = ____ (10) 16 ÷ 8 = ____

(5) 86 - 32 = ____ (11) 56 ÷ 8 = ____

(6) 58 - 39 = ____ (12) 48 ÷ 8 = ____

As you count in **9's**, what number comes **before** ...

(13) ____, 54 (14) ____, 81 (15) ____, 108

As you count in **9's**, what number comes **after** ...

(16) 18, ____ (17) 45, ____ (18) 90, ____

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27

Date: Time taken: Score:

(1) 83 + 81 = ____ (7) 2 × 8 = ____

(2) 36 + 91 = ____ (8) 8 × 7 = ____

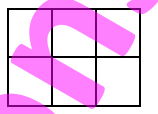
(3) 63 + 56 = ____ (9) 6 × 8 = ____

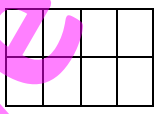
(4) 95 - 61 = ____ (10) 72 ÷ 8 = ____

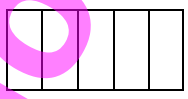
(5) 94 - 47 = ____ (11) 8 ÷ 8 = ____

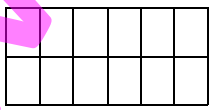
(6) 79 - 21 = ____ (12) 40 ÷ 8 = ____

Shade in part of each diagram to show you understand these fractions.

(13) $\frac{2}{3}$ 

(14) $\frac{3}{4}$ 

(15) $\frac{2}{5}$ 

(16) $\frac{1}{2}$ 

28

Date: Time taken: Score:

(1) 73 + 31 = ____ (7) 8 × 9 = ____

(2) 61 + 76 = ____ (8) 1 × 8 = ____

(3) 39 + 92 = ____ (9) 8 × 5 = ____

(4) 76 - 17 = ____ (10) 56 ÷ 8 = ____

(5) 58 - 28 = ____ (11) 48 ÷ 8 = ____

(6) 97 - 59 = ____ (12) 24 ÷ 8 = ____

What is the **place value** of the **BOLD** digit in each number and what does it mean?

Example: In 4**2**5 the place value is 10's and it means 20.

(13) **1**4 ____ ____

(14) **6**4 ____ ____

(15) **1**93 ____ ____

(16) **1**90 ____

(17) **4**15 ____ ____

(18) 60**9** ____ ____

(19) 2**3**5 ____ ____

(20) **6**47 ____ ____

29

Date: Time taken: Score:

(1) 82 + 46 = ____ (7) 7 × 8 = ____

(2) 35 + 81 = ____ (8) 8 × 6 = ____

(3) 85 + 42 = ____ (9) 3 × 8 = ____

(4) 96 - 36 = ____ (10) 8 ÷ 8 = ____

(5) 85 - 48 = ____ (11) 40 ÷ 8 = ____

(6) 73 - 32 = ____ (12) 80 ÷ 8 = ____

Write these number words as **2** or **3-digit numbers**.

(13) forty-six ____

(14) four hundred and eighty-two ____

Write these 2 or 3-digit numbers as **number words**.

(15) 735 ____

(16) 273 ____

(17) 468 ____

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30

Date: Time taken: Score:

(1) 92 + 16 = ____ (7) 8 × 0 = ____

(2) 37 + 72 = ____ (8) 5 × 8 = ____

(3) 56 + 73 = ____ (9) 8 × 10 = ____

(4) 96 - 49 = ____ (10) 64 ÷ 8 = ____

(5) 83 - 41 = ____ (11) 72 ÷ 8 = ____

(6) 67 - 48 = ____ (12) 8 ÷ 8 = ____

Round these money amounts to the nearest **$10**.

(13) $96 ____ (14) $73 ____ (15) $18 ____

(16) $342 ____ (17) $639 ____ (18) $207 ____

Round these money amounts to the nearest **$100**.

(19) $309 ____ (20) $863 ____ (21) $175 ____

(22) $452 ____ (23) $946 ____ (24) $640 ____

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31

Date: Time taken: Score:

(1) 92 + 54 = ____
(2) 72 + 62 = ____
(3) 56 + 52 = ____
(4) 70 - 29 = ____
(5) 93 - 76 = ____
(6) 81 - 57 = ____

(7) 4 × 9 = ____
(8) 9 × 0 = ____
(9) 6 × 9 = ____
(10) 81 ÷ 9 = ____
(11) 45 ÷ 9 = ____
(12) 90 ÷ 9 = ____

(13) **Add** up Aroha's shopping list.

$10.35
$7.87
$2.95
$14.24
+ $3.85
____

(14) If Aroha paid for her groceries with two $20.00 notes, how much change would she get back?

____
- ____
____

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32

Date: Time taken: Score:

(1) 84 + 93 = ____
(2) 47 + 72 = ____
(3) 51 + 73 = ____
(4) 81 - 69 = ____
(5) 65 - 46 = ____
(6) 78 - 49 = ____

(7) 9 × 9 = ____
(8) 5 × 9 = ____
(9) 9 × 10 = ____
(10) 9 ÷ 9 = ____
(11) 54 ÷ 9 = ____
(12) 63 ÷ 9 = ____

As you count in **8's**, what number comes **before** ...

(13) ____, 64 (14) ____, 24 (15) ____, 96

As you count in **8's**, what number comes **after** ...

(16) 8, ____ (17) 56, ____ (18) 72, ____

33

Date: Time taken: Score:

(1) 91 + 25 = ____
(2) 72 + 47 = ____
(3) 84 + 71 = ____
(4) 72 - 59 = ____
(5) 90 - 63 = ____
(6) 63 - 47 = ____

(7) 1 × 9 = ____
(8) 9 × 6 = ____
(9) 7 × 9 = ____
(10) 45 ÷ 9 = ____
(11) 90 ÷ 9 = ____
(12) 27 ÷ 9 = ____

Subtracting money.

(13) $7.84 - $4.80 = ____
(14) $3.84 - $1.64 = ____
(15) $8.41 - $4.09 = ____
(16) $8.37 - $1.85 = ____
(17) $8.53 - $4.97 = ____
(18) $4.16 - $2.89 = ____
(19) $7.02 - $1.87 = ____
(20) $9.10 - $4.78 = ____

34

Date: Time taken: Score:

(1) 92 + 53 = ____
(2) 61 + 65 = ____
(3) 23 + 95 = ____
(4) 54 - 35 = ____
(5) 90 - 78 = ____
(6) 72 - 54 = ____

(7) 9 × 5 = ____
(8) 10 × 9 = ____
(9) 9 × 3 = ____
(10) 54 ÷ 9 = ____
(11) 63 ÷ 9 = ____
(12) 72 ÷ 9 = ____

What is the value of the **BOLD** digit in each money total? *Example:* In $4**2**5 the 2 = $20.

(13) $**3**9 ____
(14) $**4**2 ____
(15) $9**2**3 ____
(16) $**7**37 ____
(17) $12**9** ____
(18) $**3**05 ____
(19) $92**3** ____
(20) $**7**29 ____
(21) $**5**37 ____
(22) $**6**24 ____

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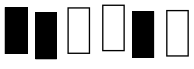
35

Date: Time taken: Score:

(1) 83 + 33 = ____
(2) 71 + 54 = ____
(3) 44 + 94 = ____
(4) 41 - 28 = ____
(5) 95 - 47 = ____
(6) 84 - 39 = ____

(7) 6 × 9 = ____
(8) 9 × 7 = ____
(9) 8 × 9 = ____
(10) 36 ÷ 9 = ____
(11) 9 ÷ 9 = ____
(12) 54 ÷ 9 = ____

What **fraction** of each group of shapes is shaded?

(13)  ____
(14)  ____
(15)  ____
(16)  ____
(17)  ____
(18)  ____
(19)  ____
(20)  ____

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36

Date: Time taken: Score:

(1) 92 + 81 = ____
(2) 68 + 61 = ____
(3) 33 + 84 = ____
(4) 91 - 33 = ____
(5) 86 - 28 = ____
(6) 63 - 28 = ____
(7) 9 × 10 = ____
(8) 3 × 9 = ____
(9) 9 × 2 = ____
(10) 63 ÷ 9 = ____
(11) 18 ÷ 9 = ____
(12) 36 ÷ 9 = ____

Adding 2 and 3-digit whole numbers.

(13) 56 + 18 = ____
(14) 95 + 94 = ____
(15) 87 + 53 = ____
(16) 49 + 82 = ____
(17) 762 + 486 = ____
(18) 915 + 456 = ____
(19) 298 + 954 = ____
(20) 856 + 397 = ____

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37

Date: Time taken: Score:

(1) 11 + 91 = ____
(2) 84 + 43 = ____
(3) 51 + 86 = ____
(4) 61 - 12 = ____
(5) 86 - 67 = ____
(6) 90 - 57 = ____
(7) 7 × 9 = ____
(8) 9 × 8 = ____
(9) 4 × 9 = ____
(10) 27 ÷ 9 = ____
(11) 18 ÷ 9 = ____
(12) 81 ÷ 9 = ____

What is the **place value** of the **BOLD** digit in each number and what does it mean?

Example: In 4**2**5 the place value is 10's and it means 20.

(13) 3**5** ____ ____
(14) **3**9 ____ ____
(15) **4**29 ____ ____
(16) **6**74 ____ ____
(17) **3**15 ____ ____
(18) 74**9** ____ ____
(19) 6**4**3 ____ ____
(20) **5**06 ____ ____

38

Date: Time taken: Score:

(1) 45 + 84 = ____
(2) 55 + 62 = ____
(3) 92 + 72 = ____
(4) 80 - 13 = ____
(5) 97 - 29 = ____
(6) 74 - 27 = ____
(7) 9 × 3 = ____
(8) 2 × 9 = ____
(9) 9 × 9 = ____
(10) 72 ÷ 9 = ____
(11) 81 ÷ 9 = ____
(12) 9 ÷ 9 = ____

(13) In Rooms 4 and 5 there are 29 boys and 34 girls. How many pupils are in these two classes? ____

(14) If Alex had $80.00 and spent $65.00, how much would Alex have left? ____

(15) If there are 12 blocks in each pile, how many blocks are there in 5 piles of blocks? ____

39

Date: Time taken: Score:

(1) 71 + 88 = ____
(2) 82 + 34 = ____
(3) 63 + 52 = ____
(4) 72 - 36 = ____
(5) 97 - 28 = ____
(6) 81 - 24 = ____
(7) 8 × 9 = ____
(8) 9 × 9 = ____
(9) 1 × 9 = ____
(10) 18 ÷ 9 = ____
(11) 63 ÷ 9 = ____
(12) 45 ÷ 9 = ____

As you count in **9's**, what number comes **before** ...

(13) ____, 63 (14) ____, 90 (15) ____, 45

As you count in **9's**, what number comes **after** ...

(16) 9, ____ (17) 72, ____ (18) 99, ____

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40

Date: Time taken: Score:

(1) 97 + 31 = ____
(2) 61 + 72 = ____
(3) 25 + 82 = ____
(4) 43 - 19 = ____
(5) 60 - 34 = ____
(6) 94 - 16 = ____
(7) 9 × 2 = ____
(8) 7 × 9 = ____
(9) 9 × 5 = ____
(10) 90 ÷ 9 = ____
(11) 27 ÷ 9 = ____
(12) 18 ÷ 9 = ____

Subtracting 2 and 3-digit whole numbers.

(13) 78 - 55 = ____
(14) 97 - 26 = ____
(15) 785 - 88 = ____
(16) 814 - 90 = ____
(17) 976 - 599 = ____
(18) 741 - 478 = ____
(19) 812 - 443 = ____
(20) 720 - 389 = ____

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41

Date: Time taken: Score:

(1) 14 + 78 = (7) 6 × 6 =

(2) 58 + 32 = (8) 2 × 7 =

(3) 45 + 18 = (9) 8 × 8 =

(4) 92 - 47 = (10) 60 ÷ 6 =

(5) 84 - 48 = (11) 6 ÷ 2 =

(6) 50 - 22 = (12) 16 ÷ 8 =

Dividing by whole numbers.

(13) $3\overline{)4056}$ (14) $3\overline{)1470}$ (15) $3\overline{)2358}$

(16) $4\overline{)6092}$ (17) $4\overline{)3616}$ (18) $4\overline{)2712}$

(19) $5\overline{)6265}$ (20) $5\overline{)4520}$ (21) $5\overline{)4380}$

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42

Date: Time taken: Score:

(1) 11 + 19 = (7) 6 × 10 =

(2) 48 + 34 = (8) 3 × 2 =

(3) 15 + 68 = (9) 8 × 2 =

(4) 80 - 46 = (10) 42 ÷ 6 =

(5) 75 - 49 = (11) 16 ÷ 2 =

(6) 52 - 13 = (12) 32 ÷ 8 =

Write these number words as **2** or **3-digit numbers**.

(13) sixty-nine

(14) three hundred and twenty-four

Write these 2 or 3-digit numbers as **number words**.

(15) 732

(16) 186

(17) 548

43

Date: Time taken: Score:

(1) 27 + 55 = (7) 7 × 6 =

(2) 19 + 29 = (8) 2 × 8 =

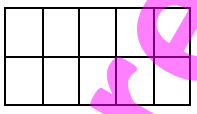
(3) 42 + 49 = (9) 4 × 8 =

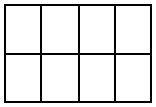
(4) 72 - 38 = (10) 18 ÷ 6 =

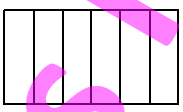
(5) 93 - 35 = (11) 4 ÷ 2 =

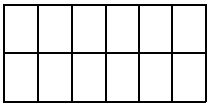
(6) 91 - 56 = (12) 72 ÷ 8 =

Shade in part of each diagram to show you understand these fractions.

(13) $\frac{3}{5}$ 

(14) $\frac{1}{4}$ 

(15) $\frac{2}{3}$ 

(16) $\frac{5}{6}$ 

44

Date: Time taken: Score:

(1) 19 + 52 = (7) 6 × 3 =

(2) 27 + 74 = (8) 2 × 2 =

(3) 48 + 17 = (9) 8 × 9 =

(4) 95 - 68 = (10) 48 ÷ 6 =

(5) 72 - 15 = (11) 8 ÷ 2 =

(6) 86 - 39 = (12) 8 ÷ 8 =

Multiplying whole numbers.

(13) 58 × 3 (14) 46 × 5 (15) 63 × 6 (16) 29 × 8

(17) 173 × 3 (18) 379 × 5 (19) 182 × 6 (20) 537 × 8

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45

Date: Time taken: Score:

(1) 29 + 35 = (7) 8 × 6 =

(2) 16 + 56 = (8) 2 × 4 =

(3) 32 + 59 = (9) 1 × 8 =

(4) 81 - 15 = (10) 36 ÷ 6 =

(5) 33 - 14 = (11) 14 ÷ 2 =

(6) 60 - 35 = (12) 64 ÷ 8 =

As you count in **8's**, what number comes **before** ...

(13) ____, 48 (14) ____, 16 (15) ____, 72

As you count in **8's**, what number comes **after** ...

(16) 32, ____ (17) 48, ____ (18) 88, ____

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46

Date: Time taken: Score:

(1) 23 + 17 = ____
(2) 48 + 35 = ____
(3) 29 + 64 = ____
(4) 72 - 36 = ____
(5) 97 - 28 = ____
(6) 81 - 24 = ____
(7) 6 × 2 = ____
(8) 9 × 2 = ____
(9) 8 × 5 = ____
(10) 24 ÷ 6 = ____
(11) 2 ÷ 2 = ____
(12) 48 ÷ 8 = ____

(13) **Add** up Tama's shopping list.

$11.05
$9.23
$14.25
$7.54
+ $9.85
____

(14) If Tama paid for his groceries with three $20.00 notes, how much change would he get back?

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47

Date: Time taken: Score:

(1) 28 + 46 = ____
(2) 53 + 18 = ____
(3) 58 + 34 = ____
(4) 43 - 19 = ____
(5) 60 - 34 = ____
(6) 94 - 16 = ____
(7) 4 × 6 = ____
(8) 2 × 1 = ____
(9) 6 × 8 = ____
(10) 54 ÷ 6 = ____
(11) 10 ÷ 2 = ____
(12) 80 ÷ 8 = ____

Find each fraction of these whole numbers.

(13) $\frac{1}{3}$ of $45 = ____
(14) $\frac{1}{6}$ of $48 = ____
(15) $\frac{1}{7}$ of $63 = ____
(16) $\frac{1}{10}$ of $90 = ____

(17) If $24 is shared between three people, how much does each person get? ____

48

Date: Time taken: Score:

(1) 38 + 18 = ____
(2) 63 + 19 = ____
(3) 36 + 65 = ____
(4) 72 - 59 = ____
(5) 90 - 63 = ____
(6) 63 - 47 = ____
(7) 9 × 6 = ____
(8) 2 × 5 = ____
(9) 10 × 8 = ____
(10) 6 ÷ 6 = ____
(11) 12 ÷ 2 = ____
(12) 56 ÷ 8 = ____

As you count in **9's**, what number comes **before** ...

(13) ____, 18 (14) ____, 81 (15) ____, 99

As you count in **9's**, what number comes **after** ...

(16) 18, ____ (17) 27, ____ (18) 99, ____

49

Date: Time taken: Score:

(1) 37 + 13 = ____
(2) 16 + 67 = ____
(3) 43 + 29 = ____
(4) 54 - 35 = ____
(5) 90 - 78 = ____
(6) 72 - 54 = ____
(7) 6 × 0 = ____
(8) 6 × 2 = ____
(9) 8 × 7 = ____
(10) 30 ÷ 6 = ____
(11) 20 ÷ 2 = ____
(12) 24 ÷ 8 = ____

What is the **place value** of the **BOLD** digit in each number and what does it mean?

Example: In 4**2**5 the place value is 10's and it means 20.

(13) **3**4 ____ ____
(14) **6**9 ____ ____
(15) 9**7**3 ____ ____
(16) 7**0**6 ____ ____
(17) 9**7**4 ____ ____
(18) 96**7** ____ ____
(19) 9**3**2 ____ ____
(20) **8**41 ____ ____

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50

Date: Time taken: Score:

(1) 76 + 19 = ____
(2) 35 + 36 = ____
(3) 29 + 32 = ____
(4) 41 - 28 = ____
(5) 95 - 47 = ____
(6) 84 - 39 = ____
(7) 5 × 6 = ____
(8) 2 × 10 = ____
(9) 3 × 8 = ____
(10) 12 ÷ 6 = ____
(11) 18 ÷ 2 = ____
(12) 40 ÷ 8 = ____

List these numbers in **order** of **smallest** to **largest**.

62, 54, 71, 80, 19, 24, 37, 62, 57, 65

(13) ____

85, 32, 19, 43, 67, 95, 14, 37, 69, 36

(14) ____

61, 37, 85, 64, 18, 47, 62, 94, 74, 82

(15) ____

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51

Date: Time taken: Score:

(1) 29 + 18 = ____
(2) 86 + 16 = ____
(3) 33 + 48 = ____
(4) 72 - 38 = ____
(5) 93 - 35 = ____
(6) 91 - 56 = ____
(7) 9 × 7 = ____
(8) 5 × 5 = ____
(9) 10 × 9 = ____
(10) 7 ÷ 7 = ____
(11) 30 ÷ 5 = ____
(12) 63 ÷ 9 = ____

Write these number words as **2** or **3-digit numbers**.

(13) eighty-five ____
(14) nine hundred and seventeen ____

Write these 2 or 3-digit numbers as **number words**.

(15) 389 ____
(16) 956 ____
(17) 128 ____

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52

Date: Time taken: Score:

(1) 17 + 88 = ____
(2) 28 + 43 = ____
(3) 36 + 25 = ____
(4) 95 - 68 = ____
(5) 72 - 15 = ____
(6) 86 - 39 = ____
(7) 7 × 1 = ____
(8) 6 × 5 = ____
(9) 9 × 7 = ____
(10) 35 ÷ 7 = ____
(11) 50 ÷ 5 = ____
(12) 27 ÷ 9 = ____

What is the value of the **BOLD** digit in each money total? *Example:* In $4**2**5 the 2 = $20.

(13) $**1**9 ____
(14) $**3**3 ____
(15) $**7**63 ____
(16) $**9**45 ____
(17) $**2**36 ____
(18) $**4**12 ____
(19) $**9**06 ____
(20) $**7**34 ____
(21) $**9**34 ____
(22) $**7**36 ____

53

Date: Time taken: Score:

(1) 29 + 61 = ____
(2) 37 + 27 = ____
(3) 65 + 37 = ____
(4) 81 - 15 = ____
(5) 33 - 14 = ____
(6) 60 - 35 = ____
(7) 5 × 7 = ____
(8) 5 × 10 = ____
(9) 3 × 9 = ____
(10) 42 ÷ 7 = ____
(11) 35 ÷ 5 = ____
(12) 72 ÷ 9 = ____

Dividing money totals by whole numbers.

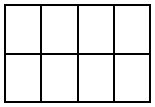
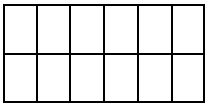
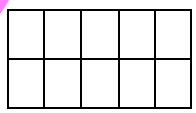
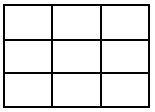
(13) $2\overline{)\$29.96}$ (14) $2\overline{)\$31.52}$ (15) $3\overline{)\$26.25}$
(16) $3\overline{)\$14.88}$ (17) $5\overline{)\$14.30}$ (18) $5\overline{)\$46.85}$
(19) $4\overline{)\$77.68}$ (20) $4\overline{)\$26.16}$ (21) $4\overline{)\$25.40}$

54

Date: Time taken: Score:

(1) 79 + 13 = ____
(2) 16 + 27 = ____
(3) 52 + 28 = ____
(4) 70 - 29 = ____
(5) 93 - 76 = ____
(6) 81 - 57 = ____
(7) 7 × 6 = ____
(8) 7 × 5 = ____
(9) 9 × 8 = ____
(10) 70 ÷ 7 = ____
(11) 15 ÷ 5 = ____
(12) 18 ÷ 9 = ____

Shade in part of each diagram to show you understand these fractions.

(13) $\frac{1}{2}$ 
(14) $\frac{3}{4}$ 
(15) $\frac{3}{5}$ 
(16) $\frac{2}{3}$ 

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55

Date: Time taken: Score:

(1) 48 + 39 = ____
(2) 74 + 27 = ____
(3) 15 + 37 = ____
(4) 81 - 69 = ____
(5) 65 - 46 = ____
(6) 78 - 49 = ____
(7) 10 × 7 = ____
(8) 5 × 3 = ____
(9) 2 × 9 = ____
(10) 63 ÷ 7 = ____
(11) 25 ÷ 5 = ____
(12) 90 ÷ 9 = ____

(13) In Rooms 6 and 7 there are 33 boys and 28 girls. How many pupils are in these two classes? ____

(14) If Robyn had $80.00 and spent $53.60, how much would Robyn have left? ____

(15) If there are 15 blocks in each pile, how many blocks are there in 6 piles of blocks? ____

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56

Date: Time taken: Score:

(1) 64 + 27 = (7) 7 × 3 =

(2) 49 + 23 = (8) 8 × 5 =

(3) 16 + 48 = (9) 9 × 4 =

(4) 92 - 47 = (10) 49 ÷ 7 =

(5) 84 - 48 = (11) 10 ÷ 5 =

(6) 50 - 22 = (12) 81 ÷ 9 =

Multiplying money totals by whole numbers.

(13) $2.68 × 2 (14) $6.85 × 3 (15) $3.95 × 4 (16) $9.50 × 5

(17) $19.75 × 2 (18) $27.94 × 3 (19) $48.67 × 4 (20) $76.84 × 5

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57

Date: Time taken: Score:

(1) 54 + 48 = (7) 7 × 7 =

(2) 55 + 26 = (8) 5 × 2 =

(3) 29 + 27 = (9) 9 × 9 =

(4) 80 - 46 = (10) 56 ÷ 7 =

(5) 75 - 49 = (11) 20 ÷ 5 =

(6) 52 - 13 = (12) 9 ÷ 9 =

List these numbers in **order** of **largest** to **smallest**.

75, 36, 52, 91, 27, 64, 44, 11, 98, 64, 31

(13)

34, 90, 56, 24, 51, 76, 82, 23, 92, 57, 45

(14)

50, 63, 96, 42, 17, 32, 61, 48, 59, 66, 74

(15)

58

Date: Time taken: Score:

(1) 29 + 54 = (7) 7 × 8 =

(2) 27 + 26 = (8) 4 × 5 =

(3) 65 + 25 = (9) 9 × 1 =

(4) 91 - 33 = (10) 14 ÷ 7 =

(5) 86 - 28 = (11) 45 ÷ 5 =

(6) 63 - 28 = (12) 54 ÷ 9 =

Round these money amounts to the nearest **$10**.

(13) $39 (14) $72 (15) $47

(16) $143 (17) $608 (18) $926

Round these money amounts to the nearest **$100**.

(19) $374 (20) $650 (21) $196

(22) $914 (23) $836 (24) $447

59

Date: Time taken: Score:

(1) 38 + 33 = (7) 2 × 7 =

(2) 17 + 45 = (8) 5 × 9 =

(3) 44 + 49 = (9) 6 × 9 =

(4) 61 - 12 = (10) 28 ÷ 7 =

(5) 86 - 67 = (11) 5 ÷ 5 =

(6) 90 - 57 = (12) 45 ÷ 9 =

Adding 2 and 3-digit whole numbers.

(13) 42 + 39 = (13) 662 + 866 =

(14) 81 + 34 = (14) 918 + 927 =

(15) 63 + 87 = (15) 586 + 985 =

(16) 97 + 36 = (16) 786 + 769 =

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60

Date: Time taken: Score:

(1) 38 + 45 = (7) 7 × 4 =

(2) 14 + 36 = (8) 0 × 5 =

(3) 37 + 56 = (9) 9 × 5 =

(4) 80 - 13 = (10) 21 ÷ 7 =

(5) 97 - 29 = (11) 40 ÷ 5 =

(6) 74 - 27 = (12) 36 ÷ 9 =

Find each fraction of these whole numbers.

(13) $\frac{1}{4}$ of $64 = (14) $\frac{1}{6}$ of $36 =

(15) $\frac{1}{5}$ of $65 = (16) $\frac{1}{9}$ of $36 =

(17) If $60 is shared between five people, how much does each person get?

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61

Date: Time taken: Score:

(1) 431 + 169 = (7) 4 × 10 =

(2) 132 + 525 = (8) 7 × 9 =

(3) 167 + 758 = (9) 5 × 8 =

(4) 190 - 149 = (10) 90 ÷ 10 =

(5) 735 - 584 = (11) 21 ÷ 7 =

(6) 440 - 114 = (12) 16 ÷ 8 =

Subtracting 2 and 3-digit whole numbers.

(13) 79 - 39 = (17) 640 - 456 =

(14) 86 - 75 = (18) 931 - 587 =

(15) 766 - 39 = (19) 812 - 538 =

(16) 982 - 89 = (20) 704 - 528 =

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62

Date: Time taken: Score:

(1) 375 + 187 = (7) 10 × 9 =

(2) 642 + 138 = (8) 3 × 7 =

(3) 163 + 432 = (9) 8 × 2 =

(4) 203 - 131 = (10) 30 ÷ 10 =

(5) 480 - 248 = (11) 56 ÷ 7 =

(6) 739 - 675 = (12) 48 ÷ 8 =

What is the **place value** of the **BOLD** digit in each number and what does it mean?

Example: In 4**2**5 the place value is 10's and it means 20.

(13) **9**5 (17) **7**53

(14) **7**7 (18) 7**4**3

(15) 6**3**9 (19) 4**9**3

(16) **9**23 (20) **1**27

63

Date: Time taken: Score:

(1) 523 + 274 = (7) 3 × 10 =

(2) 398 + 275 = (8) 7 × 8 =

(3) 434 + 347 = (9) 6 × 8 =

(4) 283 - 256 = (10) 80 ÷ 10 =

(5) 702 - 521 = (11) 49 ÷ 7 =

(6) 470 - 347 = (12) 32 ÷ 8 =

List these decimals in **order** of **largest** to **smallest**.

3.8, 6.3, 2.6, 5.2, 1.9, 5.5, 9.9, 8.4, 6.3

(13)

1.0, 4.2, 7.9, 3.1, 6.7, 3.5, 6.0, 2.1, 4.8

(14)

4.7, 8.0, 2.9, 3.4, 4.1, 3.3, 6.9, 1.3, 2.4

(15)

64

Date: Time taken: Score:

(1) 153 + 727 = (7) 10 × 8 =

(2) 252 + 246 = (8) 7 × 7 =

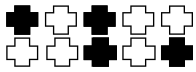
(3) 358 + 557 = (9) 8 × 4 =

(4) 360 - 146 = (10) 70 ÷ 10 =

(5) 537 - 155 = (11) 7 ÷ 7 =

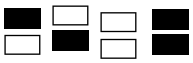
(6) 890 - 121 = (12) 72 ÷ 8 =

What **fraction** of each group of shapes is shaded?

(13)  (17) 

(14)  (18) 

(15)  (19) 

(16)  (20) 

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65

Date: Time taken: Score:

1. 187 + 316 = (7) 7 × 10 =

2. 185 + 279 = (8) 7 × 0 =

3. 221 + 667 = (9) 9 × 8 =

4. 318 - 292 = (10) 40 ÷ 10 =

5. 850 - 245 = (11) 63 ÷ 7 =

6. 536 - 245 = (12) 40 ÷ 8 =

Write these number words as **decimal numbers**.

(13) five point two four three

(14) nineteen point one seven

Write these decimal numbers as **number words**.

(15) 427.1

(16) 63.58

(17) 0.279

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66

Date: Time taken: Score:

(1) 231 + 434 = ____
(2) 194 + 396 = ____
(3) 358 + 519 = ____
(4) 519 - 133 = ____
(5) 881 - 868 = ____
(6) 659 - 298 = ____

(7) 10 × 10 = ____
(8) 10 × 7 = ____
(9) 8 × 3 = ____
(10) 10 ÷ 10 = ____
(11) 35 ÷ 7 = ____
(12) 64 ÷ 8 = ____

(13) In Rooms 7 and 8 there are 28 boys and 27 girls. How many pupils are in these two classes? ____

(14) If Craig had $70.00 and spent $42.80, how much would Craig have left? ____

(15) If there are 20 blocks in each pile, how many blocks are there in 7 piles of blocks? ____

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67

Date: Time taken: Score:

(1) 295 + 186 = ____
(2) 638 + 256 = ____
(3) 373 + 423 = ____
(4) 595 - 208 = ____
(5) 618 - 323 = ____
(6) 971 - 167 = ____

(7) 1 × 10 = ____
(8) 7 × 5 = ____
(9) 8 × 8 = ____
(10) 50 ÷ 10 = ____
(11) 14 ÷ 7 = ____
(12) 56 ÷ 8 = ____

What is the value of the **BOLD** digit in each money total? *Example:* In $17.4**2** the 2 = 2 cents.

(13) $**6**.52 ____
(14) $1.**7**3 ____
(15) $**9**.05 ____
(16) $7.3**9** ____
(17) $**7**.63 ____

(18) $**2**7.96 ____
(19) $41.**9**6 ____
(20) $**7**3.96 ____
(21) $36.**4**3 ____
(22) $**9**4.32 ____

68

Date: Time taken: Score:

(1) 497 + 166 = ____
(2) 542 + 126 = ____
(3) 235 + 445 = ____
(4) 591 - 376 = ____
(5) 958 - 270 = ____
(6) 672 - 439 = ____

(7) 10 × 5 = ____
(8) 2 × 7 = ____
(9) 8 × 7 = ____
(10) 20 ÷ 10 = ____
(11) 42 ÷ 7 = ____
(12) 80 ÷ 8 = ____

Multiplying whole numbers.

(13) 49 × 3 = ____
(14) 73 × 4 = ____
(15) 58 × 7 = ____
(16) 29 × 9 = ____

(17) 276 × 3 = ____
(18) 498 × 4 = ____
(19) 209 × 7 = ____
(20) 485 × 9 = ____

69

Date: Time taken: Score:

(1) 728 + 255 = ____
(2) 123 + 526 = ____
(3) 463 + 287 = ____
(4) 526 - 483 = ____
(5) 681 - 575 = ____
(6) 957 - 360 = ____

(7) 2 × 10 = ____
(8) 7 × 6 = ____
(9) 10 × 8 = ____
(10) 60 ÷ 10 = ____
(11) 28 ÷ 7 = ____
(12) 8 ÷ 8 = ____

Round these money amounts to the nearest **$10**.

(13) $14 ____
(14) $96 ____
(15) $54 ____
(16) $643 ____
(17) $739 ____
(18) $367 ____

Round these money amounts to the nearest **$100**.

(19) $341 ____
(20) $763 ____
(21) $429 ____
(22) $983 ____
(23) $346 ____
(24) $567 ____

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70

Date: Time taken: Score:

(1) 356 + 234 = ____
(2) 189 + 625 = ____
(3) 125 + 641 = ____
(4) 566 - 509 = ____
(5) 925 - 473 = ____
(6) 691 - 684 = ____

(7) 10 × 6 = ____
(8) 4 × 7 = ____
(9) 8 × 1 = ____
(10) 100 ÷ 10 = ____
(11) 70 ÷ 7 = ____
(12) 24 ÷ 8 = ____

Adding money.

(13) $5.84 + $1.08 = ____
(14) $1.82 + $4.25 = ____
(15) $3.69 + $3.78 = ____
(16) $7.67 + $2.97 = ____

(17) $5.62 + $9.75 = ____
(18) $8.15 + $4.48 = ____
(19) $3.17 + $8.94 = ____
(20) $9.65 + $3.67 = ____

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71

Date: Time taken: Score:

(1) 526 + 279 = (7) 3 × 6 =

(2) 193 + 148 = (8) 9 × 7 =

(3) 411 + 347 = (9) 0 × 3 =

(4) 394 - 369 = (10) 48 ÷ 6 =

(5) 517 - 382 = (11) 90 ÷ 9 =

(6) 890 - 354 = (12) 15 ÷ 3 =

Dividing by whole numbers.

(13) $4\overline{)6960}$ (14) $4\overline{)1580}$ (15) $4\overline{)2512}$

(16) $5\overline{)7035}$ (17) $5\overline{)2695}$ (18) $5\overline{)1430}$

(19) $6\overline{)8442}$ (20) $6\overline{)3558}$ (21) $6\overline{)1716}$

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72

Date: Time taken: Score:

(1) 749 + 173 = (7) 6 × 8 =

(2) 641 + 136 = (8) 10 × 9 =

(3) 129 + 836 = (9) 3 × 5 =

(4) 480 - 153 = (10) 42 ÷ 6 =

(5) 848 - 486 = (11) 9 ÷ 9 =

(6) 516 - 472 = (12) 6 ÷ 3 =

Find each fraction of these whole numbers.

(13) $\frac{1}{3}$ of \$36 = (14) $\frac{1}{6}$ of \$54 =

(15) $\frac{1}{8}$ of \$48 = (16) $\frac{1}{10}$ of \$80 =

(17) If \$49 is shared between seven people, how much does each person get?

73

Date: Time taken: Score:

(1) 637 + 223 = (7) 7 × 6 =

(2) 479 + 149 = (8) 9 × 1 =

(3) 351 + 328 = (9) 2 × 3 =

(4) 415 - 262 = (10) 60 ÷ 6 =

(5) 470 - 452 = (11) 45 ÷ 9 =

(6) 847 - 576 = (12) 18 ÷ 3 =

Multiples and **factors**

(13) **List** the first 5 **multiples** of **5**.

(14) **List** the first 5 **multiples** of **8**.

(15) **List** the **multiples** of **6** between **20** and **50**.

(16) **List** the **factors** of **12**.

(17) **List** the **factors** of **18**.

74

Date: Time taken: Score:

(1) 468 + 521 = (7) 6 × 10 =

(2) 146 + 485 = (8) 5 × 9 =

(3) 127 + 819 = (9) 3 × 6 =

(4) 494 - 376 = (10) 6 ÷ 6 =

(5) 814 - 652 = (11) 18 ÷ 9 =

(6) 560 - 551 = (12) 12 ÷ 3 =

(13) **Add** up Jan's shopping list.

\$21.05
\$14.23
\$5.25
\$10.23
+ \$7.65

(14) If Jan paid for her groceries with three \$20.00 notes, how much change would she get back?

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75

Date: Time taken: Score:

(1) 444 + 229 = (7) 0 × 6 =

(2) 297 + 727 = (8) 9 × 2 =

(3) 716 + 481 = (9) 4 × 3 =

(4) 491 - 469 = (10) 18 ÷ 6 =

(5) 648 - 157 = (11) 63 ÷ 9 =

(6) 831 - 724 = (12) 3 ÷ 3 =

List these decimals in **order** of **smallest** to **largest**.

7.0, 6.4, 1.6, 7.7, 3.5, 5.3, 7.6, 9.3, 2.8, 4.3

(13)

8.7, 6.2, 7.8, 4.6, 2.2, 1.9, 7.8, 9.4, 1.2, 8.5

(14)

5.3, 9.6, 4.7, 5.4, 3.8, 1.3, 9.7, 2.9, 6.5, 4.1

(15)

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76

Date: Time taken: Score:

(1) 251 + 313 = ____
(2) 138 + 552 = ____
(3) 596 + 336 = ____
(4) 691 - 133 = ____
(5) 765 - 180 = ____
(6) 942 - 536 = ____
(7) 6 × 5 = ____
(8) 6 × 9 = ____
(9) 3 × 9 = ____
(10) 12 ÷ 6 = ____
(11) 36 ÷ 9 = ____
(12) 9 ÷ 3 = ____

Write these number words as **decimal numbers.**

(13) four point nine zero three ____
(14) one hundred and eighty-five point six ____

Write these decimal numbers as **number words.**

(15) 12.76 ____
(16) 9.025 ____
(17) 348.1 ____

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77

Date: Time taken: Score:

(1) 226 + 497 = ____
(2) 435 + 362 = ____
(3) 349 + 631 = ____
(4) 629 - 254 = ____
(5) 981 - 632 = ____
(6) 764 - 270 = ____
(7) 2 × 6 = ____
(8) 9 × 4 = ____
(9) 3 × 3 = ____
(10) 36 ÷ 6 = ____
(11) 81 ÷ 9 = ____
(12) 24 ÷ 3 = ____

Round these money amounts to the nearest **$1.00**

(13) $52.36 ____ (14) $39.45 ____
(15) $41.95 ____ (16) $27.60 ____

Round these money amounts to the nearest **$10.00**

(17) $53.84 ____ (18) $76.32 ____
(19) $68.23 ____ (20) $24.95 ____

78

Date: Time taken: Score:

(1) 647 + 244 = ____
(2) 438 + 598 = ____
(3) 343 + 455 = ____
(4) 637 - 309 = ____
(5) 728 - 344 = ____
(6) 972 - 739 = ____
(7) 6 × 6 = ____
(8) 9 × 9 = ____
(9) 3 × 8 = ____
(10) 24 ÷ 6 = ____
(11) 27 ÷ 9 = ____
(12) 21 ÷ 3 = ____

What is the value of the **BOLD** digit in each money total? *Example:* In $17.4**2** the 2 = 2 cents.

(13) $**6**.40 ____ (18) $**6**4.74 ____
(14) $7.**2**2 ____ (19) $63.7**6** ____
(15) $**9**.10 ____ (20) $**7**9.32 ____
(16) $2.3**8** ____ (21) $71.**9**3 ____
(17) $7.2**9** ____ (22) $**1**4.25 ____

79

Date: Time taken: Score:

(1) 567 + 225 = ____
(2) 185 + 214 = ____
(3) 569 + 471 = ____
(4) 662 - 438 = ____
(5) 972 - 880 = ____
(6) 772 - 443 = ____
(7) 4 × 6 = ____
(8) 9 × 3 = ____
(9) 7 × 3 = ____
(10) 54 ÷ 6 = ____
(11) 72 ÷ 9 = ____
(12) 30 ÷ 3 = ____

What is the **place value** of the **BOLD** digit in each number and what does it mean?

Example: In 4**2**5 the place value is 10's and it means 20.

(13) **6**5 ____ ____ (17) **3**17 ____ ____
(14) **7**2 ____ ____ (18) 20**8** ____ ____
(15) 4**2**9 ____ ____ (19) 9**4**2 ____ ____
(16) **1**83 ____ ____ (20) **6**15 ____ ____

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80

Date: Time taken: Score:

(1) 359 + 167 = ____
(2) 328 + 343 = ____
(3) 757 + 132 = ____
(4) 636 - 594 = ____
(5) 752 - 537 = ____
(6) 281 - 190 = ____
(7) 6 × 9 = ____
(8) 8 × 9 = ____
(9) 3 × 10 = ____
(10) 30 ÷ 6 = ____
(11) 54 ÷ 9 = ____
(12) 27 ÷ 3 = ____

Subtracting money.

(13) $5.89 - $2.04 = ____
(14) $3.84 - $1.64 = ____
(15) $8.73 - $1.58 = ____
(16) $9.46 - $7.94 = ____
(17) $8.06 - $1.17 = ____
(18) $9.31 - $2.45 = ____
(19) $5.30 - $2.64 = ____
(20) $9.18 - $4.29 = ____

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81

Date: Time taken: Score:

(1) 572 + 429 = (2) 266 + 694 = (3) 362 + 417 = (4) 690 - 619 = (5) 335 - 184 = (6) 942 - 736 =

(7) 10 × 7 = (8) 4 × 8 = (9) 9 × 8 = (10) 49 ÷ 7 = (11) 12 ÷ 4 = (12) 32 ÷ 8 =

Dividing money totals by whole numbers.

(13) $3\overline{)\$70.53}$ (14) $3\overline{)\$26.07}$ (15) $4\overline{)\$26.12}$

(16) $4\overline{)\$37.08}$ (17) $5\overline{)\$25.20}$ (18) $5\overline{)\$33.65}$

(19) $6\overline{)\$78.30}$ (20) $6\overline{)\$17.64}$ (21) $6\overline{)\$40.44}$

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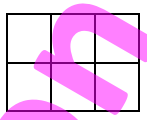
82

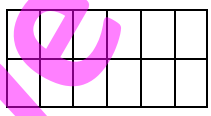
Date: Time taken: Score:

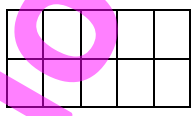
(1) 486 + 338 = (2) 622 + 352 = (3) 378 + 414 = (4) 792 - 145 = (5) 180 - 118 = (6) 339 - 275 =

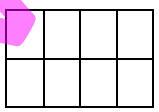
(7) 7 × 7 = (8) 3 × 4 = (9) 8 × 4 = (10) 56 ÷ 7 = (11) 36 ÷ 4 = (12) 48 ÷ 8 =

Shade in part of each diagram to show you understand these fractions.

(13) $\frac{2}{3}$ 

(14) $\frac{5}{6}$ 

(15) $\frac{4}{5}$ 

(16) $\frac{3}{4}$ 

83

Date: Time taken: Score:

(1) 142 + 723 = (2) 377 + 195 = (3) 541 + 159 = (4) 783 - 256 = (5) 328 - 144 = (6) 770 - 617 =

(7) 8 × 7 = (8) 4 × 9 = (9) 6 × 8 = (10) 21 ÷ 7 = (11) 16 ÷ 4 = (12) 16 ÷ 8 =

What is the **place value** of the **BOLD** digit in each number and what does it mean?

Example: In 4.**2**5 the place value is $\frac{1}{10}$'s and it means $^{2}/_{10}$.

(13) 2.**3** (14) **8**.52 (15) 7.0**6** (16) 9.**4**1

(17) 23.7**4**9 (18) **1**39.7 (19) 0.02**8** (20) **4**15.02

84

Date: Time taken: Score:

(1) 716 + 266 = (2) 414 + 162 = (3) 278 + 539 = (4) 760 - 316 = (5) 837 - 155 = (6) 272 - 243 =

(7) 7 × 3 = (8) 4 × 4 = (9) 8 × 2 = (10) 63 ÷ 7 = (11) 24 ÷ 4 = (12) 40 ÷ 8 =

Subtracting 2 and 3-digit whole numbers.

(13) 86 - 16 = (14) 59 - 15 = (15) 941 - 32 = (16) 928 - 98 =

(17) 420 - 137 = (18) 805 - 347 = (19) 684 - 396 = (20) 416 - 289 =

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85

Date: Time taken: Score:

(1) 285 + 489 = (2) 318 + 324 = (3) 874 + 114 = (4) 763 - 449 = (5) 350 - 315 = (6) 836 - 245 =

(7) 9 × 7 = (8) 4 × 6 = (9) 5 × 8 = (10) 70 ÷ 7 = (11) 32 ÷ 4 = (12) 72 ÷ 8 =

Multiplying money totals by whole numbers.

(13) \$3.95 × 3 (14) \$2.80 × 4 (15) \$3.85 × 5 (16) \$9.46 × 6

(17) \$8.74 × 3 (18) \$65.73 × 4 (19) \$4.79 × 5 (20) \$27.34 × 6

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86

Date: Time taken: Score:

(1) 824 + 151 = ____
(2) 129 + 672 = ____
(3) 394 + 559 = ____
(4) 949 - 896 = ____
(5) 671 - 528 = ____
(6) 709 - 445 = ____
(7) 7 × 4 = ____
(8) 2 × 4 = ____
(9) 8 × 0 = ____
(10) 42 ÷ 7 = ____
(11) 20 ÷ 4 = ____
(12) 80 ÷ 8 = ____

List these numbers in **order** of **largest** to **smallest**.

75, 36, 52, 91, 27, 44, 11, 98, 64, 31, 56

(13) ____

34, 90, 56, 24, 51, 76, 82, 92, 57, 45, 71

(14) ____

50, 63, 42, 17, 32, 61, 48, 59, 66, 74, 29

(15) ____

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87

Date: Time taken: Score:

(1) 745 + 228 = ____
(2) 189 + 564 = ____
(3) 315 + 683 = ____
(4) 708 - 335 = ____
(5) 984 - 768 = ____
(6) 661 - 427 = ____
(7) 6 × 7 = ____
(8) 4 × 5 = ____
(9) 10 × 8 = ____
(10) 14 ÷ 7 = ____
(11) 4 ÷ 4 = ____
(12) 56 ÷ 8 = ____

(13) In Rooms 2, 3 and 4 there are 47 boys and 49 girls. How many pupils are in these classes? ____

(14) If Chelsea had $75.00 and spent $56.70, how much would Chelsea have left? ____

(15) If there are 30 blocks in each pile, how many blocks are there in 9 piles of blocks? ____

88

Date: Time taken: Score:

(1) 153 + 789 = ____
(2) 267 + 131 = ____
(3) 342 + 148 = ____
(4) 651 - 326 = ____
(5) 707 - 225 = ____
(6) 974 - 667 = ____
(7) 7 × 2 = ____
(8) 1 × 4 = ____
(9) 8 × 7 = ____
(10) 35 ÷ 7 = ____
(11) 40 ÷ 4 = ____
(12) 64 ÷ 8 = ____

Find each fraction of these whole numbers.

(13) $\frac{1}{2}$ of $3.50 = ____
(14) $\frac{1}{3}$ of $9.60 = ____
(15) $\frac{1}{4}$ of $8.24 = ____
(16) $\frac{1}{5}$ of $9.50 = ____

(17) If $24.80 is shared between four people, how much does each person get? ____

89

Date: Time taken: Score:

(1) 236 + 631 = ____
(2) 174 + 378 = ____
(3) 519 + 258 = ____
(4) 949 - 567 = ____
(5) 641 - 225 = ____
(6) 706 - 115 = ____
(7) 5 × 7 = ____
(8) 4 × 10 = ____
(9) 8 × 8 = ____
(10) 7 × 7 = ____
(11) 28 ÷ 4 = ____
(12) 24 ÷ 8 = ____

List these decimals in **order** of **largest** to **smallest**.

7.5, 3.6, 5.2, 9.1, 2.7, 4.4, 1.1, 9.8, 6.4, 3.1

(13) ____

3.4, 9.0, 5.6, 2.4, 5.1, 7.6, 8.2, 9.2, 5.7, 4.5

(14) ____

5.0, 6.3, 4.2, 1.7, 3.2, 6.1, 4.8, 5.9, 6.6, 7.4

(15) ____

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90

Date: Time taken: Score:

(1) 654 + 316 = ____
(2) 456 + 512 = ____
(3) 635 + 187 = ____
(4) 619 - 196 = ____
(5) 684 - 375 = ____
(6) 913 - 442 = ____
(7) 7 × 0 = ____
(8) 7 × 4 = ____
(9) 8 × 3 = ____
(10) 28 ÷ 7 = ____
(11) 8 ÷ 4 = ____
(12) 8 ÷ 8 = ____

Adding 2 and 3-digit whole numbers.

(13) 36 + 27 = ____
(14) 58 + 71 = ____
(15) 83 + 88 = ____
(16) 78 + 49 = ____
(17) 290 + 956 = ____
(18) 788 + 903 = ____
(19) 842 + 998 = ____
(20) 753 + 967 = ____

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91

Date: Time taken: Score:

(1) 692 + 268 = (7) 4 × 5 =

(2) 453 + 199 = (8) 9 × 3 =

(3) 283 + 347 = (9) 7 × 6 =

(4) 809 - 294 = (10) 45 ÷ 5 =

(5) 553 - 348 = (11) 72 ÷ 9 =

(6) 704 - 441 = (12) 60 ÷ 6 =

List these decimals in **order** of **smallest** to **largest**.

5.4, 0.9, 3.8, 1.3, 9.7, 2.9, 6.5, 4.1, 9.6, 4.7

(13)

9.4, 1.2, 8.5, 8.7, 6.2, 4.6, 6.8, 2.2, 1.9, 7.8

(14)

4.3, 2.8, 9.3, 7.6, 5.3, 3.5, 1.9, 7.7, 1.6, 7.0

(15)

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92

Date: Time taken: Score:

(1) 753 + 182 = (7) 5 × 9 =

(2) 324 + 298 = (8) 8 × 9 =

(3) 146 + 496 = (9) 6 × 10 =

(4) 730 - 713 = (10) 15 ÷ 5 =

(5) 808 - 184 = (11) 63 ÷ 9 =

(6) 293 - 257 = (12) 6 ÷ 6 =

Write these number words as **decimal numbers**.

(13) thirty-seven point five four

(14) six hundred & ninety-eight point zero

Write these decimal numbers as **number words**.

(15) 5.275

(16) 198.4

(17) 76.30

93

Date: Time taken: Score:

(1) 179 + 685 = (7) 3 × 5 =

(2) 296 + 359 = (8) 9 × 7 =

(3) 599 + 134 = (9) 1 × 6 =

(4) 238 - 165 = (10) 40 ÷ 5 =

(5) 820 - 712 = (11) 90 ÷ 9 =

(6) 707 - 274 = (12) 30 ÷ 6 =

Adding money.

(13) $1.45 + $2.59 = (17) $5.80 + $9.84 =

(14) $4.92 + $2.82 = (18) $5.47 + $5.48 =

(15) $3.93 + $2.97 = (19) $2.98 + $8.48 =

(16) $2.78 + $4.83 = (20) $7.92 + $7.48 =

94

Date: Time taken: Score:

(1) 268 + 596 = (7) 5 × 8 =

(2) 166 + 487 = (8) 10 × 9 =

(3) 448 + 273 = (9) 6 × 5 =

(4) 706 - 664 = (10) 35 ÷ 5 =

(5) 173 - 155 = (11) 9 ÷ 9 =

(6) 709 - 112 = (12) 12 ÷ 6 =

Dividing by whole numbers.

(13) $3\overline{)5805}$ (14) $3\overline{)2172}$ (15) $3\overline{)2040}$

(16) $6\overline{)8370}$ (17) $6\overline{)1422}$ (18) $6\overline{)3648}$

(19) $7\overline{)9513}$ (20) $7\overline{)2989}$ (21) $7\overline{)6020}$

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95

Date: Time taken: Score:

(1) 365 + 498 = (7) 7 × 5 =

(2) 375 + 188 = (8) 9 × 0 =

(3) 381 + 379 = (9) 2 × 6 =

(4) 681 - 629 = (10) 20 ÷ 5 =

(5) 705 - 554 = (11) 27 ÷ 9 =

(6) 963 - 954 = (12) 42 ÷ 6 =

Multiples and **factors**

(13) **List** the first 5 **multiples** of **6**.

(14) **List** the first 5 **multiples** of **7**.

(15) **List** the **multiples** of **5** between **31** and **61**.

(16) **List** the **factors** of **15**.

(17) **List** the **factors** of **21**.

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96

Date: Time taken: Score:

(1) 145 + 789 = ____
(2) 597 + 145 = ____
(3) 198 + 252 = ____
(4) 819 - 633 = ____
(5) 556 - 508 = ____
(6) 924 - 463 = ____
(7) 5 × 10 = ____
(8) 5 × 9 = ____
(9) 6 × 6 = ____
(10) 5 ÷ 5 = ____
(11) 18 ÷ 9 = ____
(12) 24 ÷ 6 = ____

Subtracting money.

(13) $5.98 - $3.03 = ____
(14) $6.87 - $2.41 = ____
(15) $3.80 - $1.54 = ____
(16) $6.44 - $3.84 = ____
(17) $9.27 - $2.79 = ____
(18) $7.63 - $3.96 = ____
(19) $5.40 - $1.61 = ____
(20) $8.25 - $5.46 = ____

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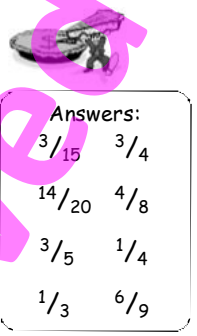
97

Date: Time taken: Score:

(1) 276 + 674 = ____
(2) 488 + 275 = ____
(3) 263 + 268 = ____
(4) 992 - 345 = ____
(5) 518 - 423 = ____
(6) 846 - 707 = ____
(7) 1 × 5 = ____
(8) 9 × 2 = ____
(9) 4 × 6 = ____
(10) 25 ÷ 5 = ____
(11) 54 ÷ 9 = ____
(12) 18 ÷ 6 = ____

Match these **equivalent fractions**.
Example: $^1/_2 = {}^8/_{16}$

(13) $^1/_2$ = ____
(14) $^3/_{12}$ = ____
(15) $^4/_{12}$ = ____
(16) $^1/_5$ = ____
(17) $^2/_3$ = ____
(18) $^{15}/_{20}$ = ____
(19) $^6/_{10}$ = ____
(20) $^7/_{10}$ = ____



98

Date: Time taken: Score:

(1) 349 + 591 = ____
(2) 369 + 375 = ____
(3) 134 + 397 = ____
(4) 873 - 690 = ____
(5) 982 - 244 = ____
(6) 527 - 393 = ____
(7) 5 × 5 = ____
(8) 6 × 9 = ____
(9) 6 × 3 = ____
(10) 10 ÷ 5 = ____
(11) 36 ÷ 9 = ____
(12) 54 ÷ 6 = ____

What is the **place value** of the **BOLD** digit in each number and what does it mean?
Example: In 4.**2**5 the place value is $\frac{1}{10}$'s and it means $^2/_{10}$.

(13) 3.**1** ____ ____
(14) **4**.23 ____ ____
(15) 7.**0**9 ____ ____
(16) 3.**6**1 ____ ____
(17) 23.49**2** ____ ____
(18) **7**60.5 ____ ____
(19) 0.02**7** ____ ____
(20) **6**15.74 ____ ____

99

Date: Time taken: Score:

(1) 458 + 476 = ____
(2) 287 + 463 = ____
(3) 485 + 157 = ____
(4) 526 - 283 = ____
(5) 807 - 527 = ____
(6) 927 - 134 = ____
(7) 2 × 5 = ____
(8) 9 × 4 = ____
(9) 9 × 6 = ____
(10) 30 ÷ 5 = ____
(11) 81 ÷ 9 = ____
(12) 48 ÷ 6 = ____

Round these money amounts to the nearest **$1.00**

(13) $63.95 ____
(14) $84.62 ____
(15) $27.42 ____
(16) $59.39 ____

Round these money amounts to the nearest **$10.00**

(17) $96.52 ____
(18) $47.50 ____
(19) $21.86 ____
(20) $64.99 ____

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100

Date: Time taken: Score:

(1) 598 + 364 = ____
(2) 177 + 557 = ____
(3) 364 + 286 = ____
(4) 863 - 849 = ____
(5) 525 - 173 = ____
(6) 808 - 419 = ____
(7) 5 × 6 = ____
(8) 9 × 9 = ____
(9) 6 × 8 = ____
(10) 50 ÷ 5 = ____
(11) 45 ÷ 9 = ____
(12) 36 ÷ 6 = ____

What is the value of the **BOLD** digit in each money total? *Example:* In $17.4**2** the 2 = 2 cents.

(13) $**6**.42 ____
(14) $3.**8**2 ____
(15) $**7**.54 ____
(16) $3.7**6** ____
(17) $7.**8**3 ____
(18) $**2**9.65 ____
(19) $74.3**6** ____
(20) $**3**2.74 ____
(21) $63.**7**3 ____
(22) $**3**1.64 ____

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101

Date: Time taken: Score:

(1) 399 + 373 = ____
(2) 453 + 457 = ____
(3) 598 + 387 = ____
(4) 409 - 391 = ____
(5) 853 - 748 = ____
(6) 824 - 363 = ____

(7) 4 × 7 = ____
(8) 10 × 3 = ____
(9) 5 × 8 = ____
(10) 63 ÷ 7 = ____
(11) 80 ÷ 10 = ____
(12) 16 ÷ 8 = ____

Round these money amounts to the nearest **$1.00**

(13) $63.86 ____ (14) $47.70 ____
(15) $19.34 ____ (16) $73.45 ____

Round these money amounts to the nearest **10 cents**

(17) $42.74 ____ (18) $94.93 ____
(19) $82.67 ____ (20) $57.18 ____

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102

Date: Time taken: Score:

(1) 458 + 269 = ____
(2) 362 + 548 = ____
(3) 414 + 496 = ____
(4) 829 - 254 = ____
(5) 408 - 281 = ____
(6) 893 - 657 = ____

(7) 7 × 9 = ____
(8) 8 × 10 = ____
(9) 8 × 2 = ____
(10) 21 ÷ 7 = ____
(11) 70 ÷ 10 = ____
(12) 48 ÷ 8 = ____

Dividing money totals by whole numbers.

(13) $4\overline{)\$29.56}$ (14) $4\overline{)\$32.96}$ (15) $5\overline{)\$26.45}$
(16) $5\overline{)\$35.80}$ (17) $6\overline{)\$31.14}$ (18) $6\overline{)\$49.62}$
(19) $7\overline{)\$20.65}$ (20) $7\overline{)\$50.19}$ (21) $7\overline{)\$42.28}$

103

Date: Time taken: Score:

(1) 579 + 139 = ____
(2) 296 + 696 = ____
(3) 387 + 585 = ____
(4) 838 - 565 = ____
(5) 482 - 444 = ____
(6) 807 - 171 = ____

(7) 3 × 7 = ____
(8) 10 × 7 = ____
(9) 6 × 8 = ____
(10) 56 ÷ 7 = ____
(11) 100 ÷ 10 = ____
(12) 32 ÷ 8 = ____

(13) In Rooms 1, 2 and 3 there are 46 boys and 48 girls. How many pupils are in these classes? ____

(14) If James had $85.00 and spent $45.30, how much would James have left? ____

(15) If there are 40 blocks in each pile, how many blocks are there in 7 piles of blocks? ____

104

Date: Time taken: Score:

(1) 129 + 486 = ____
(2) 188 + 794 = ____
(3) 285 + 625 = ____
(4) 706 - 661 = ____
(5) 873 - 455 = ____
(6) 327 - 234 = ____

(7) 7 × 8 = ____
(8) 10 × 10 = ____
(9) 8 × 4 = ____
(10) 49 ÷ 7 = ____
(11) 10 ÷ 10 = ____
(12) 72 ÷ 8 = ____

List these numbers in **order** of **largest** to **smallest**.

31, 64, 98, 11, 44, 27, 91, 52, 36, 75, 56

(13) ____

45, 57, 92, 82, 76, 51, 24, 26, 90, 34, 67

(14) ____

74, 66, 59, 48, 61, 32, 17, 42, 63, 50, 72

(15) ____

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105

Date: Time taken: Score:

(1) 295 + 327 = ____
(2) 676 + 194 = ____
(3) 198 + 713 = ____
(4) 336 - 194 = ____
(5) 705 - 551 = ____
(6) 863 - 354 = ____

(7) 7 × 7 = ____
(8) 10 × 1 = ____
(9) 9 × 8 = ____
(10) 28 ÷ 7 = ____
(11) 30 ÷ 10 = ____
(12) 40 ÷ 8 = ____

Find each fraction of these whole numbers.

(13) $\frac{1}{3}$ of $3.60 = ____ (14) $\frac{1}{4}$ of $6.40 = ____
(15) $\frac{1}{6}$ of $4.80 = ____ (16) $\frac{1}{10}$ of $2.70 = ____

(17) If $37.50 is shared between five people, how much does each person get? ____

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106

Date: Time taken: Score:

(1) 474 + 379 = ____
(2) 274 + 247 = ____
(3) 257 + 466 = ____
(4) 991 - 933 = ____
(5) 618 - 586 = ____
(6) 995 - 389 = ____
(7) 7 × 10 = ____
(8) 5 × 10 = ____
(9) 8 × 3 = ____
(10) 7 ÷ 7 = ____
(11) 20 ÷ 10 = ____
(12) 64 ÷ 8 = ____

What is the value of the **BOLD** digit in each money total? *Example:* In $17.4**2** the 2 = 2 cents.

(13) $**6**.96 ____
(14) $1.**4**0 ____
(15) $**2**.41 ____
(16) $9.**3**7 ____
(17) $3.**9**2 ____
(18) $**7**6.12 ____
(19) $32.9**6** ____
(20) $**3**5.15 ____
(21) $9**6**.40 ____
(22) $**9**0.50 ____

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107

Date: Time taken: Score:

(1) 569 + 277 = ____
(2) 297 + 174 = ____
(3) 181 + 539 = ____
(4) 959 - 280 = ____
(5) 981 - 832 = ____
(6) 617 - 476 = ____
(7) 0 × 7 = ____
(8) 10 × 2 = ____
(9) 8 × 8 = ____
(10) 35 ÷ 7 = ____
(11) 60 ÷ 10 = ____
(12) 56 ÷ 8 = ____

Subtracting 2 and 3-digit whole numbers.

(13) 97 - 32 = ____
(14) 85 - 25 = ____
(15) 842 - 24 = ____
(16) 419 - 28 = ____
(17) 551 - 276 = ____
(18) 467 - 168 = ____
(19) 620 - 153 = ____
(20) 321 - 192 = ____

108

Date: Time taken: Score:

(1) 666 + 155 = ____
(2) 793 + 188 = ____
(3) 287 + 587 = ____
(4) 619 - 367 = ____
(5) 985 - 107 = ____
(6) 927 - 793 = ____
(7) 7 × 5 = ____
(8) 6 × 10 = ____
(9) 8 × 7 = ____
(10) 14 ÷ 7 = ____
(11) 40 ÷ 10 = ____
(12) 80 ÷ 8 = ____

Multiplying money totals by whole numbers.

(13) $2.49 × 4 = ____
(14) $2.63 × 5 = ____
(15) $9.75 × 6 = ____
(16) $3.09 × 7 = ____
(17) $58.67 × 4 = ____
(18) $75.98 × 5 = ____
(19) $18.26 × 6 = ____
(20) $48.75 × 7 = ____

109

Date: Time taken: Score:

(1) 198 + 528 = ____
(2) 682 + 269 = ____
(3) 782 + 199 = ____
(4) 962 - 638 = ____
(5) 618 - 257 = ____
(6) 875 - 806 = ____
(7) 2 × 7 = ____
(8) 10 × 4 = ____
(9) 10 × 8 = ____
(10) 42 ÷ 7 = ____
(11) 90 ÷ 10 = ____
(12) 8 ÷ 8 = ____

Write these number words as **decimal numbers**.

(13) three point two five four ____
(14) seventeen point nine one ____

Write these decimal numbers as **number words**.

(15) 721.4 ____
(16) 36.85 ____
(17) 2.097 ____

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110

Date: Time taken: Score:

(1) 276 + 498 = ____
(2) 557 + 384 = ____
(3) 659 + 293 = ____
(4) 866 - 790 = ____
(5) 952 - 537 = ____
(6) 619 - 148 = ____
(7) 7 × 6 = ____
(8) 9 × 10 = ____
(9) 8 × 0 = ____
(10) 70 ÷ 7 = ____
(11) 50 ÷ 10 = ____
(12) 24 ÷ 8 = ____

Multiples and **factors**

(13) **List** the first 5 **multiples** of **6**. ____
(14) **List** the first 5 **multiples** of **8**. ____
(15) **List** the **multiples** of **9** between **30** and **70**. ____
(16) **List** the **factors** of **24**. ____
(17) **List** the **factors** of **36**. ____

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111

Date: Time taken: Score:

(1) 519 + 994 = ____
(2) 255 + 985 = ____
(3) 986 + 436 = ____
(4) 829 - 254 = ____
(5) 408 - 281 = ____
(6) 893 - 657 = ____
(7) 7 × 3 = ____
(8) 6 × 10 = ____
(9) 1 × 9 = ____
(10) 30 ÷ 3 = ____
(11) 6 ÷ 6 = ____
(12) 45 ÷ 9 = ____

Find each fraction of these whole numbers.

(13) $\frac{1}{2}$ of \$9.50 = ____
(14) $\frac{1}{5}$ of \$6.25 = ____
(13) $\frac{1}{7}$ of \$4.90 = ____
(16) $\frac{1}{8}$ of \$7.20 = ____

(17) If \$36.60 is shared between six people, how much does each person get?

____

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112

Date: Time taken: Score:

(1) 975 + 647 = ____
(2) 328 + 885 = ____
(3) 564 + 976 = ____
(4) 838 - 565 = ____
(5) 482 - 444 = ____
(6) 807 - 171 = ____
(7) 3 × 10 = ____
(8) 1 × 6 = ____
(9) 9 × 5 = ____
(10) 3 ÷ 3 = ____
(11) 30 ÷ 6 = ____
(12) 18 ÷ 9 = ____

What is the **place value** of the **BOLD** digit in each number and what does it mean?

Example: In 4.**2**5 the place value is $\frac{1}{10}$'s and it means $^{2}/_{10}$.

(13) 3.**4** ____ ____
(14) **5**.75 ____ ____
(15) 7.0**8** ____ ____
(16) 2.**5**3 ____ ____
(17) 62.2**7**2 ____ ____
(18) 6**4**0.9 ____ ____
(19) 3.00**7** ____ ____
(20) **6**04.21 ____ ____

113

Date: Time taken: Score:

(1) 873 + 767 = ____
(2) 464 + 758 = ____
(3) 637 + 876 = ____
(4) 706 - 661 = ____
(5) 873 - 455 = ____
(6) 327 - 234 = ____
(7) 0 × 3 = ____
(8) 6 × 5 = ____
(9) 2 × 9 = ____
(10) 15 ÷ 3 = ____
(11) 12 ÷ 6 = ____
(12) 54 ÷ 9 = ____

Match these **equivalent fractions**.

Example: $^{1}/_{2} = {}^{8}/_{16}$

(13) $^{1}/_{3}$ = ____
(14) $^{5}/_{20}$ = ____
(15) $^{6}/_{30}$ = ____
(16) $^{1}/_{2}$ = ____
(17) $^{3}/_{4}$ = ____
(18) $^{8}/_{20}$ = ____
(19) $^{3}/_{10}$ = ____
(20) $^{14}/_{21}$ = ____

Answers:
$^{2}/_{5}$ $^{12}/_{24}$
$^{2}/_{3}$ $^{5}/_{15}$
$^{9}/_{30}$ $^{1}/_{4}$
$^{15}/_{20}$ $^{1}/_{5}$

114

Date: Time taken: Score:

(1) 746 + 867 = ____
(2) 582 + 658 = ____
(3) 763 + 759 = ____
(4) 336 - 194 = ____
(5) 705 - 551 = ____
(6) 863 - 354 = ____
(7) 3 × 5 = ____
(8) 2 × 6 = ____
(9) 9 × 6 = ____
(10) 6 ÷ 3 = ____
(11) 36 ÷ 6 = ____
(12) 36 ÷ 9 = ____

Adding money.

(13) \$8.37 + \$1.27 = ____
(14) \$5.58 + \$2.61 = ____
(15) \$1.58 + \$7.75 = ____
(16) \$3.76 + \$4.69 = ____
(17) \$7.82 + \$7.67 = ____
(18) \$9.52 + \$7.19 = ____
(19) \$6.37 + \$5.97 = ____
(20) \$5.78 + \$5.97 = ____

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115

Date: Time taken: Score:

(1) 649 + 974 = ____
(2) 655 + 558 = ____
(3) 891 + 649 = ____
(4) 409 - 391 = ____
(5) 853 - 748 = ____
(6) 824 - 363 = ____
(7) 2 × 3 = ____
(8) 6 × 6 = ____
(9) 4 × 9 = ____
(10) 21 ÷ 3 = ____
(11) 60 ÷ 6 = ____
(12) 9 ÷ 9 = ____

(13) **Add** up Brydie's shopping list.

\$10.45
\$13.36
\$8.62
\$17.24
+ \$7.85
____

(14) If Brydie paid for her groceries with three \$20.00 notes, how much change would she get back?

- ____
____

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116

Date: | Time taken: | Score:

(1) 799 + 559 = _____
(2) 735 + 987 = _____
(3) 784 + 486 = _____
(4) 949 - 896 = _____
(5) 671 - 528 = _____
(6) 709 - 445 = _____
(7) 3 × 6 = _____
(8) 4 × 6 = _____
(9) 9 × 9 = _____
(10) 12 ÷ 3 = _____
(11) 54 ÷ 6 = _____
(12) 27 ÷ 9 = _____

(13) In Rooms 2, 3 and 4 there are 43 boys and 49 girls. How many pupils are in these classes? _____

(14) If Henry had $65.00 and spent $19.60, how much would Henry have left? _____

(15) If there are 14 blocks in each pile, how many blocks are there in 6 piles of blocks? _____

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117

Date: | Time taken: | Score:

(1) 693 + 677 = _____
(2) 889 + 868 = _____
(3) 844 + 378 = _____
(4) 708 - 335 = _____
(5) 984 - 768 = _____
(6) 661 - 427 = _____
(7) 4 × 3 = _____
(8) 6 × 9 = _____
(9) 3 × 9 = _____
(10) 27 ÷ 3 = _____
(11) 18 ÷ 6 = _____
(12) 72 ÷ 9 = _____

Subtracting money.

(13) $9.75 - $1.70 = _____
(14) $5.86 - $4.75 = _____
(15) $9.64 - $7.49 = _____
(16) $7.17 - $6.66 = _____
(17) $9.53 - $4.84 = _____
(18) $5.02 - $3.54 = _____
(19) $7.74 - $2.89 = _____
(20) $8.36 - $3.78 = _____

118

Date: | Time taken: | Score:

(1) 553 + 769 = _____
(2) 982 + 798 = _____
(3) 978 + 279 = _____
(4) 651 - 326 = _____
(5) 707 - 225 = _____
(6) 974 - 667 = _____
(7) 3 × 9 = _____
(8) 3 × 6 = _____
(9) 9 × 8 = _____
(10) 9 ÷ 3 = _____
(11) 48 ÷ 6 = _____
(12) 63 ÷ 9 = _____

List these decimals in **order** of **smallest** to **largest**.

3.1, 6.4, 9.8, 1.1, 4.4, 2.7, 9.1, 5.2, 3.6, 7.5

(13) _____

4.5, 5.7, 9.2, 8.2, 7.6, 5.1, 2.4, 2.6, 9.0, 3.4

(14) _____

7.4, 6.6, 5.9, 4.8, 6.1, 3.2, 1.7, 4.2, 6.3, 5.0

(15) _____

119

Date: | Time taken: | Score:

(1) 469 + 887 = _____
(2) 869 + 952 = _____
(3) 391 + 989 = _____
(4) 949 - 567 = _____
(5) 641 - 225 = _____
(6) 706 - 115 = _____
(7) 3 × 3 = _____
(8) 6 × 8 = _____
(9) 7 × 9 = _____
(10) 24 ÷ 3 = _____
(11) 42 ÷ 6 = _____
(12) 90 ÷ 9 = _____

Round these money amounts to the nearest **$1.00**

(13) $69.52 _____
(14) $82.46 _____
(15) $41.38 _____
(16) $93.67 _____

Round these money amounts to the nearest **$10.00**

(17) $23.85 _____
(18) $64.99 _____
(19) $75.01 _____
(20) $19.45 _____

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120

Date: | Time taken: | Score:

(1) 399 + 992 = _____
(2) 958 + 898 = _____
(3) 478 + 843 = _____
(4) 619 - 196 = _____
(5) 684 - 275 = _____
(6) 913 - 442 = _____
(7) 3 × 8 = _____
(8) 7 × 6 = _____
(9) 9 × 10 = _____
(10) 18 ÷ 3 = _____
(11) 24 ÷ 6 = _____
(12) 81 ÷ 9 = _____

Multiples and **factors**

(13) **List** the first 5 **multiples** of **7**. _____
(14) **List** the first 5 **multiples** of **8**. _____
(15) **List** the **multiples** of **4** between **21** and **50**. _____
(16) **List** the **factors** of **27**. _____
(17) **List** the **factors** of **30**. _____

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121

Date: Time taken: Score:

(1) 959 + 791 = ____
(2) 768 + 495 = ____
(3) 964 + 549 = ____
(4) 809 - 294 = ____
(5) 653 - 348 = ____
(6) 704 - 441 = ____

(7) 5 × 6 = ____
(8) 9 × 9 = ____
(9) 3 × 3 = ____
(10) 54 ÷ 6 = ____
(11) 27 ÷ 9 = ____
(12) 30 ÷ 3 = ____

Dividing money totals by whole numbers.

(13) 5) $76.45
(14) 5) $23.80
(15) 6) $16.50
(16) 6) $28.98
(17) 7) $63.91
(18) 7) $59.99
(19) 8) $11.92
(20) 8) $30.24
(21) 8) $42.08

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122

Date: Time taken: Score:

(1) 879 + 833 = ____
(2) 868 + 382 = ____
(3) 677 + 986 = ____
(4) 730 - 713 = ____
(5) 808 - 184 = ____
(6) 293 - 257 = ____

(7) 6 × 9 = ____
(8) 3 × 9 = ____
(9) 3 × 10 = ____
(10) 18 ÷ 6 = ____
(11) 90 ÷ 9 = ____
(12) 6 ÷ 3 = ____

(13) **Add** up Tane's shopping list.

$13.95
$10.24
$9.15
$17.24
+ $3.65
____

(14) If Tane paid for his groceries with three $20.00 notes, how much change would he get back?

- ____

____

123

Date: Time taken: Score:

(1) 786 + 977 = ____
(2) 988 + 224 = ____
(3) 777 + 873 = ____
(4) 238 - 165 = ____
(5) 720 - 312 = ____
(6) 707 - 274 = ____

(7) 3 × 6 = ____
(8) 9 × 10 = ____
(9) 2 × 3 = ____
(10) 60 ÷ 6 = ____
(11) 18 ÷ 9 = ____
(12) 24 ÷ 3 = ____

What is the value of the **BOLD** digit in each money total? *Example:* In $17.4**2** the 2 = 2 cents.

(13) $**5**.41 ____
(14) $4.**9**2 ____
(15) $**9**.04 ____
(16) $1.**3**7 ____
(17) $9.**3**4 ____
(18) $**6**7.42 ____
(19) $41.0**9** ____
(20) $**3**7.24 ____
(21) $96.**8**0 ____
(22) $**3**4.74 ____

124

Date: Time taken: Score:

(1) 986 + 864 = ____
(2) 395 + 968 = ____
(3) 897 + 715 = ____
(4) 706 - 664 = ____
(5) 173 - 155 = ____
(6) 709 - 112 = ____

(7) 6 × 10 = ____
(8) 2 × 9 = ____
(9) 3 × 8 = ____
(10) 12 ÷ 6 = ____
(11) 72 ÷ 9 = ____
(12) 3 ÷ 3 = ____

Find each fraction of these whole numbers.

(13) $\frac{1}{3}$ of $8.40 = ____
(14) $\frac{1}{5}$ of $8.70 = ____
(15) $\frac{1}{6}$ of $6.36 = ____
(16) $\frac{1}{10}$ of $7.60 = ____

(17) If $49.70 is shared between seven people, how much does each person get?

____

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125

Date: Time taken: Score:

(1) 826 + 996 = ____
(2) 475 + 895 = ____
(3) 994 + 659 = ____
(4) 681 - 629 = ____
(5) 705 - 554 = ____
(6) 963 - 154 = ____

(7) 2 × 6 = ____
(8) 9 × 8 = ____
(9) 1 × 3 = ____
(10) 30 ÷ 6 = ____
(11) 81 ÷ 9 = ____
(12) 9 ÷ 3 = ____

What is the **place value** of the **BOLD** digit in each number and what does it mean?

Example: In 4.**2**5 the place value is $\frac{1}{10}$'s and it means $^{2}/_{10}$.

(13) 4.**9** ____ ____
(14) **5**.08 ____ ____
(15) 7.**1**9 ____ ____
(16) 6.**7**2 ____ ____
(17) 62.7**3**1 ____ ____
(18) **7**24.6 ____ ____
(19) 6.42**9** ____ ____
(20) **3**71.63 ____ ____

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126

Date: Time taken: Score:

(1) 987 + 434 = ____
(2) 918 + 993 = ____
(3) 597 + 769 = ____
(4) 873 - 690 = ____
(5) 982 - 244 = ____
(6) 527 - 393 = ____

(7) 6 × 8 = ____
(8) 0 × 9 = ____
(9) 3 × 6 = ____
(10) 6 ÷ 6 = ____
(11) 54 ÷ 9 = ____
(12) 12 ÷ 3 = ____

Match these **equivalent fractions.**

Example: $^1/_2 = {}^8/_{16}$

(13) $^1/_2$ = ____
(14) $^8/_{24}$ = ____
(15) $^9/_{36}$ = ____
(16) $^1/_5$ = ____
(17) $^3/_4$ = ____
(18) $^{12}/_{20}$ = ____
(19) $^{21}/_{30}$ = ____
(20) $^2/_3$ = ____

Answers:
$^1/_3$ $^{16}/_{24}$
$^1/_4$ $^7/_{14}$
$^7/_{35}$ $^7/_{10}$
$^3/_5$ $^{21}/_{28}$

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127

Date: Time taken: Score:

(1) 889 + 576 = ____
(2) 196 + 925 = ____
(3) 627 + 684 = ____
(4) 526 - 283 = ____
(5) 827 - 508 = ____
(6) 927 - 134 = ____

(7) 1 × 6 = ____
(8) 9 × 6 = ____
(9) 4 × 3 = ____
(10) 36 ÷ 6 = ____
(11) 36 ÷ 9 = ____
(12) 21 ÷ 3 = ____

Write these number words as **decimal numbers.**

(13) three point zero nine four ____
(14) five hundred & eighteen point six ____

Write these decimal numbers as **number words.**

(15) 76.21 ____
(16) 2.905 ____
(17) 841.8 ____

128

Date: Time taken: Score:

(1) 776 + 635 = ____
(2) 278 + 887 = ____
(3) 735 + 596 = ____
(4) 863 - 849 = ____
(5) 525 - 173 = ____
(6) 818 - 409 = ____

(7) 6 × 6 = ____
(8) 4 × 9 = ____
(9) 3 × 7 = ____
(10) 24 ÷ 6 = ____
(11) 63 ÷ 9 = ____
(12) 15 ÷ 3 = ____

Multiplying money totals by whole numbers.

(13) $6.50 × 5 = ____
(14) $3.49 × 6 = ____
(15) $4.87 × 7 = ____
(16) $7.09 × 8 = ____
(17) $19.87 × 5 = ____
(18) $75.64 × 6 = ____
(19) $15.90 × 7 = ____
(20) $34.86 × 8 = ____

129

Date: Time taken: Score:

(1) 644 + 787 = ____
(2) 365 + 746 = ____
(3) 867 + 498 = ____
(4) 819 - 633 = ____
(5) 556 - 508 = ____
(6) 924 - 463 = ____

(7) 4 × 6 = ____
(8) 9 × 7 = ____
(9) 5 × 3 = ____
(10) 42 ÷ 6 = ____
(11) 45 ÷ 9 = ____
(12) 27 ÷ 3 = ____

List these decimals in **order** of **largest** to **smallest.**

6.7, 7.3, 1.5, 4.4, 7.1, 4.9, 6.8, 2.5, 8.4, 3.3

(13) ____

5.5, 3.9, 2.3, 8.1, 7.8, 8.5, 1.6, 7.2, 5.8, 9.2

(14) ____

7.0, 8.7, 6.9, 7.7, 2.0, 9.7, 8.9, 4.0, 3.7, 9.6

(15) ____

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Date: Time taken: Score:

(1) 596 + 879 = ____
(2) 453 + 678 = ____
(3) 954 + 357 = ____
(4) 992 - 345 = ____
(5) 518 - 423 = ____
(6) 846 - 707 = ____

(7) 6 × 7 = ____
(8) 5 × 9 = ____
(9) 3 × 9 = ____
(10) 48 ÷ 6 = ____
(11) 9 ÷ 9 = ____
(12) 18 ÷ 3 = ____

Adding money.

(13) $6.14 + $1.19 = ____
(14) $5.91 + $1.96 = ____
(15) $5.48 + $2.72 = ____
(16) $1.49 + $6.82 = ____
(17) $4.27 + $9.86 = ____
(18) $9.14 + $2.46 = ____
(19) $7.64 + $6.96 = ____
(20) $8.95 + $6.76 = ____

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131

Date: Time taken: Score:

(1) 897 + 687 = ____
(2) 788 + 342 = ____
(3) 629 + 783 = ____
(4) 706 - 664 = ____
(5) 173 - 155 = ____
(6) 709 - 112 = ____
(7) 5 × 4 = ____
(8) 8 × 9 = ____
(9) 3 × 7 = ____
(10) 36 ÷ 4 = ____
(11) 24 ÷ 8 = ____
(12) 70 ÷ 7 = ____

What is the **place value** of the **BOLD** digit in each number and what does it mean?

Example: In 4.**2**5 the place value is $\frac{1}{10}$'s and it means $^{2}/_{10}$.

(13) 2.**7** ____ ____
(14) **6**.52 ____ ____
(15) 7.0**7** ____ ____
(16) 0.**9**6 ____ ____
(17) 63.1**8**3 ____ ____
(18) 27**2**.1 ____ ____
(19) 6.14**7** ____ ____
(20) **3**15.40 ____ ____

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132

Date: Time taken: Score:

(1) 798 + 714 = ____
(2) 886 + 298 = ____
(3) 797 + 633 = ____
(4) 681 - 629 = ____
(5) 705 - 554 = ____
(6) 963 - 254 = ____
(7) 4 × 9 = ____
(8) 3 × 8 = ____
(9) 7 × 10 = ____
(10) 12 ÷ 4 = ____
(11) 80 ÷ 8 = ____
(12) 14 ÷ 7 = ____

Multiples and **factors**

(13) **List** the first 5 **multiples** of **7**. ____
(14) **List** the first 5 **multiples** of **9**. ____
(15) **List** the **multiples** of **7** between **40** and **80**. ____
(16) **List** the **factors** of **32**. ____
(17) **List** the **factors** of **48**. ____

133

Date: Time taken: Score:

(1) 646 + 894 = ____
(2) 997 + 125 = ____
(3) 895 + 599 = ____
(4) 730 - 713 = ____
(5) 808 - 184 = ____
(6) 293 - 257 = ____
(7) 3 × 4 = ____
(8) 8 × 10 = ____
(9) 2 × 7 = ____
(10) 40 ÷ 4 = ____
(11) 16 ÷ 8 = ____
(12) 56 ÷ 7 = ____

Round these money amounts to the nearest **$1.00**

(13) $71.63 ____ (14) $43.46 ____
(15) $27.95 ____ (16) $62.19 ____

Round these money amounts to the nearest **10 cents**

(17) $91.56 ____ (18) $75.19 ____
(19) $24.33 ____ (20) $49.44 ____

134

Date: Time taken: Score:

(1) 519 + 994 = ____
(2) 255 + 985 = ____
(3) 986 + 436 = ____
(4) 238 - 165 = ____
(5) 720 - 212 = ____
(6) 707 - 274 = ____
(7) 4 × 10 = ____
(8) 2 × 8 = ____
(9) 7 × 8 = ____
(10) 8 ÷ 4 = ____
(11) 64 ÷ 8 = ____
(12) 7 ÷ 7 = ____

Multiplying whole numbers.

(13) 47 × 6 = ____ (14) 38 × 7 = ____ (15) 46 × 8 = ____ (16) 73 × 9 = ____

(17) 396 × 6 = ____ (18) 597 × 7 = ____ (19) 309 × 8 = ____ (20) 160 × 9 = ____

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135

Date: Time taken: Score:

(1) 975 + 647 = ____
(2) 328 + 885 = ____
(3) 564 + 976 = ____
(4) 809 - 294 = ____
(5) 653 - 348 = ____
(6) 704 - 441 = ____
(7) 2 × 4 = ____
(8) 8 × 8 = ____
(9) 0 × 7 = ____
(10) 20 ÷ 4 = ____
(11) 72 ÷ 8 = ____
(12) 21 ÷ 7 = ____

(13) In Rooms 1, 2 and 3 there are 46 boys and 47 girls. How many pupils are in these classes? ____

(14) If Abbey had $78.00 and spent $34.50, how much would Abbey have left? ____

(15) If there are 16 blocks in each pile, how many blocks are there in 3 piles of blocks? ____

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136

Date: Time taken: Score:

(1) 873 + 767 = ____
(2) 464 + 758 = ____
(3) 637 + 876 = ____
(4) 819 - 633 = ____
(5) 556 - 508 = ____
(6) 924 - 463 = ____

(7) 4 × 8 = ____
(8) 1 × 8 = ____
(9) 7 × 6 = ____
(10) 4 ÷ 4 = ____
(11) 48 ÷ 8 = ____
(12) 28 ÷ 7 = ____

What is the value of the **BOLD** digit in each money total? *Example:* In $17.4**2** the 2 = 2 cents.

(13) $**6**.20 ____
(14) $9.**3**9 ____
(15) $**7**.14 ____
(16) $9.**1**3 ____
(17) $**7**.34 ____

(18) $**9**4.25 ____
(19) $74.3**8** ____
(20) $**6**4.15 ____
(21) $3**4**.56 ____
(22) $**7**2.41 ____

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137

Date: Time taken: Score:

(1) 746 + 867 = ____
(2) 582 + 658 = ____
(3) 763 + 759 = ____
(4) 992 - 345 = ____
(5) 518 - 423 = ____
(6) 846 - 707 = ____

(7) 1 × 4 = ____
(8) 8 × 6 = ____
(9) 4 × 7 = ____
(10) 24 ÷ 4 = ____
(11) 32 ÷ 8 = ____
(12) 49 ÷ 7 = ____

Find each fraction of these whole numbers.

(13) $\frac{1}{2}$ of $5.78 = ____
(14) $\frac{1}{4}$ of $9.80 = ____
(15) $\frac{1}{6}$ of $8.40 = ____
(16) $\frac{1}{7}$ of $5.60 = ____

(17) If $65.60 is shared between eight people, how much does each person get? ____

138

Date: Time taken: Score:

(1) 649 + 974 = ____
(2) 655 + 558 = ____
(3) 891 + 649 = ____
(4) 873 - 690 = ____
(5) 982 - 244 = ____
(6) 527 - 393 = ____

(7) 4 × 6 = ____
(8) 4 × 8 = ____
(9) 7 × 7 = ____
(10) 16 ÷ 4 = ____
(11) 56 ÷ 8 = ____
(12) 35 ÷ 7 = ____

Dividing by whole numbers.

(13) $5\overline{)6760}$ (14) $5\overline{)2450}$ (15) $5\overline{)3930}$
(16) $8\overline{)8280}$ (17) $8\overline{)5792}$ (18) $8\overline{)5512}$
(19) $9\overline{)9423}$ (20) $9\overline{)3555}$ (21) $9\overline{)2412}$

139

Date: Time taken: Score:

(1) 463 + 948 = ____
(2) 589 + 586 = ____
(3) 462 + 969 = ____
(4) 526 - 283 = ____
(5) 807 - 528 = ____
(6) 927 - 134 = ____

(7) 4 × 4 = ____
(8) 8 × 7 = ____
(9) 5 × 7 = ____
(10) 28 ÷ 4 = ____
(11) 40 ÷ 8 = ____
(12) 63 ÷ 7 = ____

Subtracting money.

(13) $6.96 - $4.36 = ____
(14) $6.97 - $4.26 = ____
(15) $5.90 - $4.23 = ____
(16) $5.34 - $2.71 = ____

(17) $6.45 - $4.98 = ____
(18) $9.62 - $3.86 = ____
(19) $8.30 - $6.52 = ____
(20) $7.68 - $3.99 = ____

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Date: Time taken: Score:

(1) 979 + 551 = ____
(2) 632 + 479 = ____
(3) 578 + 896 = ____
(4) 863 - 849 = ____
(5) 525 - 173 = ____
(6) 809 - 419 = ____

(7) 4 × 7 = ____
(8) 5 × 8 = ____
(9) 7 × 9 = ____
(10) 32 ÷ 4 = ____
(11) 8 ÷ 8 = ____
(12) 42 ÷ 7 = ____

List these decimals in **order** of **largest** to **smallest**.

8.5, 1.6, 7.2, 5.8, 9.2, 6.7, 7.3, 1.5, 4.4, 7.1

(13) ____

4.9, 6.8, 2.5, 8.4, 3.3, 5.5, 3.9, 2.3, 8.1, 7.8

(14) ____

8.9, 4.0, 3.7, 9.6, 7.0, 8.7, 6.9, 7.7, 2.0, 9.7

(15) ____

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141

Date: Time taken: Score:

(1) 776 + 635 = (7) 5 × 7 =

(2) 278 + 887 = (8) 9 × 9 =

(3) 735 + 596 = (9) 3 × 8 =

(4) 949 - 896 = (10) 63 ÷ 7 =

(5) 671 - 528 = (11) 27 ÷ 9 =

(6) 709 - 445 = (12) 80 ÷ 8 =

Adding money.

(13) $5.47 + $2.49 = (17) $7.53 + $9.62 =

(14) $2.75 + $4.93 = (18) $6.59 + $4.05 =

(15) $6.97 + $1.36 = (19) $4.88 + $7.26 =

(16) $2.78 + $3.49 = (20) $4.87 + $7.53 =

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142

Date: Time taken: Score:

(1) 644 + 787 = (7) 7 × 9 =

(2) 365 + 746 = (8) 3 × 9 =

(3) 867 + 498 = (9) 8 × 10 =

(4) 708 - 335 = (10) 21 ÷ 7 =

(5) 984 - 768 = (11) 90 ÷ 9 =

(6) 661 - 427 = (12) 16 ÷ 8 =

Round these money amounts to the nearest **$1.00**

(13) $29.45 (14) $94.86

(15) $67.73 (16) $46.37

Round these money amounts to the nearest **$10.00**

(17) $86.23 (18) $15.86

(19) $52.49 (20) $34.95

143

Date: Time taken: Score:

(1) 596 + 879 = (7) 3 × 7 =

(2) 453 + 678 = (8) 9 × 10 =

(3) 954 + 357 = (9) 2 × 8 =

(4) 651 - 326 = (10) 70 ÷ 7 =

(5) 707 - 225 = (11) 18 ÷ 9 =

(6) 974 - 667 = (12) 64 ÷ 8 =

What is the **place value** of the **BOLD** digit in each number and what does it mean?

Example: In 4.**2**5 the place value is $\frac{1}{10}$'s and it means $^{2}/_{10}$.

(13) 2.**6** (17) 63.1**9**2

(14) **1**.54 (18) **3**73.1

(15) 7.0**6** (19) 4.57**6**

(16) 3.**5**2 (20) **8**41.25

144

Date: Time taken: Score:

(1) 959 + 791 = (7) 7 × 10 =

(2) 768 + 495 = (8) 2 × 9 =

(3) 964 + 549 = (9) 8 × 8 =

(4) 949 - 567 = (10) 14 ÷ 7 =

(5) 641 - 225 = (11) 72 ÷ 9 =

(6) 706 - 115 = (12) 40 ÷ 8 =

Dividing money totals by whole numbers.

(13) 6) $79.44 (14) 6) $35.88 (15) 7) $33.25

(16) 7) $27.86 (17) 8) $38.08 (18) 8) $28.72

(19) 9) $92.25 (20) 9) $35.64 (21) 9) $29.25

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Date: Time taken: Score:

(1) 879 + 833 = (7) 2 × 7 =

(2) 868 + 382 = (8) 9 × 8 =

(3) 677 + 986 = (9) 5 × 8 =

(4) 619 - 196 = (10) 35 ÷ 7 =

(5) 684 - 375 = (11) 81 ÷ 9 =

(6) 913 - 442 = (12) 24 ÷ 8 =

List these decimals in **order** of **smallest** to **largest**.

9.2, 5.8, 7.2, 1.6, 8.5, 7.8, 8.1, 2.3, 3.9, 5.5

(13)

3.7, 4.0, 9.6, 8.9, 2.0, 9.7, 7.7, 6.9, 8.7, 7.0

(14)

8.4, 3.3, 2.5, 6.8, 4.9, 7.1, 4.4, 1.5, 7.3, 6.7

(15)

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Date: | Time taken: | Score:

(1) 786 + 977 = _____
(2) 988 + 224 = _____
(3) 777 + 873 = _____
(4) 991 - 933 = _____
(5) 618 - 586 = _____
(6) 995 - 389 = _____

(7) 7 × 8 = _____
(8) 0 × 9 = _____
(9) 8 × 6 = _____
(10) 7 ÷ 7 = _____
(11) 54 ÷ 9 = _____
(12) 48 ÷ 8 = _____

Round these money amounts to the nearest **$1.00**

(13) $64.95 _____
(14) $92.86 _____
(15) $21.43 _____
(16) $74.37 _____

Round these money amounts to the nearest **10 cents**

(17) $57.43 _____
(18) $36.75 _____
(19) $19.68 _____
(20) $81.52 _____

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Date: | Time taken: | Score:

(1) 986 + 864 = _____
(2) 395 + 968 = _____
(3) 897 + 715 = _____
(4) 959 - 280 = _____
(5) 981 - 832 = _____
(6) 617 - 476 = _____

(7) 1 × 7 = _____
(8) 9 × 6 = _____
(9) 6 × 8 = _____
(10) 42 ÷ 7 = _____
(11) 36 ÷ 9 = _____
(12) 56 ÷ 8 = _____

(13) In Rooms 4, 5 and 6 there are 48 boys and 44 girls. How many pupils are in these classes? _____

(14) If Hemi had $65.00 and spent $43.75, how much would Hemi have left? _____

(15) If there are 16 blocks in each pile, how many blocks are there in 7 piles of blocks? _____

148

Date: | Time taken: | Score:

(1) 826 + 996 = _____
(2) 475 + 895 = _____
(3) 994 + 659 = _____
(4) 619 - 367 = _____
(5) 985 - 107 = _____
(6) 927 - 793 = _____

(7) 7 × 6 = _____
(8) 4 × 9 = _____
(9) 8 × 7 = _____
(10) 28 ÷ 7 = _____
(11) 63 ÷ 9 = _____
(12) 40 ÷ 8 = _____

Find each fraction of these whole numbers.

(13) $\frac{1}{3}$ of $4.80 = _____
(14) $\frac{1}{5}$ of $7.40 = _____
(15) $\frac{1}{8}$ of $8.40 = _____
(16) $\frac{1}{10}$ of $9.30 = _____

(17) If $10.80 is shared between nine people, how much does each person get? _____

149

Date: | Time taken: | Score:

(1) 987 + 434 = _____
(2) 918 + 993 = _____
(3) 597 + 769 = _____
(4) 962 - 638 = _____
(5) 618 - 257 = _____
(6) 875 - 806 = _____

(7) 4 × 7 = _____
(8) 9 × 7 = _____
(9) 5 × 8 = _____
(10) 49 ÷ 7 = _____
(11) 45 ÷ 9 = _____
(12) 72 ÷ 8 = _____

Multiplying money totals by whole numbers.

(13) $2.86 × 6 = _____
(14) $4.93 × 7 = _____
(15) $6.57 × 8 = _____
(16) $1.86 × 9 = _____

(17) $19.75 × 6 = _____
(18) $68.75 × 7 = _____
(19) $29.30 × 8 = _____
(20) $57.92 × 9 = _____

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Date: | Time taken: | Score:

(1) 889 + 576 = _____
(2) 196 + 925 = _____
(3) 627 + 684 = _____
(4) 866 - 790 = _____
(5) 952 - 537 = _____
(6) 619 - 148 = _____

(7) 7 × 7 = _____
(8) 5 × 9 = _____
(9) 8 × 9 = _____
(10) 56 ÷ 7 = _____
(11) 9 ÷ 9 = _____
(12) 48 ÷ 8 = _____

Match these **equivalent fractions.**

Example: $^1/_2 = {}^8/_{16}$

(13) $^1/_3$ = _____
(14) $^8/_{20}$ = _____
(15) $^{20}/_{35}$ = _____
(16) $^3/_{10}$ = _____
(17) $^2/_3$ = _____
(18) $^9/_{18}$ = _____
(19) $^{24}/_{30}$ = _____
(20) $^3/_4$ = _____

Answers:
$^2/_5$ $^{12}/_{18}$
$^1/_2$ $^7/_{21}$
$^{18}/_{60}$ $^4/_5$
$^{18}/_{24}$ $^4/_7$

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Assessment Section

There are **TWO** parallel **Assessment Sheets**, divided into **FIVE** sections.

Example: A1 = Numeracy facts / Number Knowledge assessment appropriate for each resource.

A2, A3, A4 & A5 cover the Number Strand objectives from the appropriate level.

The **Assessment Sheets** are divided into **FIVE sections** so that the entire assessment does not have to be completed all at the same time.

One Assessment Sheet can be used as a **pre-test** to identify the Numeracy / Number Knowledge skill level your child is already working at and / or the Number Strand knowledge your child has. The remaining Assessment Sheets can be used as a **post-test** to determine the improvement made.

The **'Complete Guide to Daily Number Revision'** is a **skills mastery programme**.

The **degree of accuracy** required may seem high, but if your child knows what standard is expected, they have something to aim for.

The objective is for your child to be able to **recall** the **basic numeracy facts / Number Strand Objectives** with **accuracy** and then later on with **accuracy** and **speed**.

At the bottom of each section (A1 to A5), there is a place to record the number of correct answers, obtained by counting all possible correct answers (ticks).

Example: There may be 10 numbered questions, but 30 individual questions.

Marking Schedule (Circle **S**, **A** or **D**)
S = Shows strength (30 all correct)
A = Achieved (24 to 29 correct)
D = Developing (less than 24 correct)

The **degree of accuracy** required is shown in the table below.

Descriptors	Degree of Accuracy Achieved	*Example:*
S = Shows Strength	100% accuracy	30 out of 30
A = Achieved	80% - 99% accuracy	24 to 29 out of 30
D = Developing	less than 80% accuracy	less than 24 out of 30

The **descriptors** listed in the box are used to describe the mastery skill level your child is working at.

On these sheets you can either record the actual score or circle one of the descriptor letters **S**, **A** or **D**.

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A1

Daily Number Revision Numeracy Skills Assessment

A: Adding 2 and 3 digit numbers - no carrying

(1) 42 + 54 = _____
(2) 17 + 11 = _____
(3) 25 + 60 = _____
(4) 536 + 13 = _____
(5) 13 + 324 = _____
(6) 253 + 13 = _____
(7) 327 + 220 = _____
(8) 510 + 266 = _____
(9) 853 + 130 = _____
(10) 241 + 744 = _____

B: Adding 2 and 3 digit numbers - carrying

(1) 468 + 78 = _____
(2) 95 + 155 = _____
(3) 239 + 79 = _____
(4) 97 + 367 = _____
(5) 767 + 948 = _____
(6) 969 + 354 = _____
(7) 217 + 995 = _____
(8) 488 + 839 = _____
(9) 846 + 576 = _____
(10) 869 + 288 = _____

C: Subtracting 2 and 3 digit numbers - no renaming

(1) 275 - 53 = _____
(2) 487 - 31 = _____
(3) 596 - 76 = _____
(4) 184 - 14 = _____
(5) 398 - 230 = _____
(6) 685 - 181 = _____
(7) 962 - 401 = _____
(8) 568 - 446 = _____
(9) 497 - 213 = _____
(10) 973 - 820 = _____

D: Subtracting 2 and 3 digit numbers - renaming

(1) 247 - 68 = _____
(2) 312 - 63 = _____
(3) 183 - 99 = _____
(4) 415 - 39 = _____
(5) 501 - 252 = _____
(6) 831 - 479 = _____
(7) 726 - 568 = _____
(8) 725 - 386 = _____
(9) 613 - 275 = _____
(10) 324 - 157 = _____

E: Multiplying by 6, 7, 8 & 9

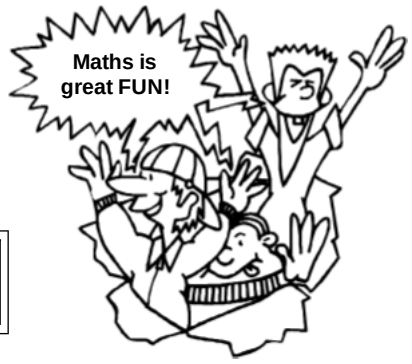
(1) 3 × 6 = _____
(2) 7 × 6 = _____
(3) 3 × 8 = _____
(4) 9 × 7 = _____
(5) 8 × 6 = _____
(6) 7 × 10 = _____
(7) 8 × 8 = _____
(8) 9 × 3 = _____
(9) 5 × 6 = _____
(10) 7 × 3 = _____
(11) 5 × 8 = _____
(12) 9 × 1 = _____
(13) 10 × 6 = _____
(14) 7 × 8 = _____
(15) 0 × 8 = _____
(16) 9 × 9 = _____
(17) 6 × 6 = _____
(18) 7 × 4 = _____
(19) 9 × 8 = _____
(20) 9 × 6 = _____

F: Dividing by 6, 7, 8 & 9

(1) 24 ÷ 6 = _____
(2) 49 ÷ 7 = _____
(3) 16 ÷ 8 = _____
(4) 90 ÷ 9 = _____
(5) 42 ÷ 6 = _____
(6) 7 ÷ 7 = _____
(7) 40 ÷ 8 = _____
(8) 18 ÷ 9 = _____
(9) 6 ÷ 6 = _____
(10) 63 ÷ 7 = _____
(11) 56 ÷ 8 = _____
(12) 36 ÷ 9 = _____
(13) 12 ÷ 6 = _____
(14) 35 ÷ 7 = _____
(15) 80 ÷ 8 = _____
(16) 45 ÷ 9 = _____
(17) 54 ÷ 6 = _____
(18) 14 ÷ 7 = _____
(19) 32 ÷ 8 = _____
(20) 72 ÷ 9 = _____

Section	Summary of Scores
A	_____ / 10
B	_____ / 10
C	_____ / 10
D	_____ / 10
E	_____ / 20
F	_____ / 20
Total:	_____ / 80

Marking Schedule (Circle **S**, **A** or **D**)
S = Shows strength (all correct)
A = Achieved (64 to 79 correct)
D = Developing (less than 64 correct)
/80



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A2 Number Assessment

(1) As you count in **8's**, what number comes **before** ...

16 ____ 64 ____ 88 ____ 40 ____

(2) As you count in **8's**, what number comes **after** ...

24 ____ 72 ____ 8 ____ 48 ____

(3) As you count in **9's**, what number comes **before** ...

27 ____ 63 ____ 99 ____ 45 ____

(4) As you count in **9's**, what number comes **after** ...

9 ____ 36 ____ 72 ____ 99 ____

(5) **Write** these number words as **numbers**.

seven hundred and ninety-one ____

eight hundred and twenty-five ____

(6) **Write** these numbers as **number words**

932 ____

506 ____

(7) **Write** these numbers in order of **smallest** to **largest**.

47, 39, 23, 62, 50, 74, 11, 99, 85

____

(8) **Write** these numbers in order of **largest** to **smallest**.

52, 66, 92, 85, 37, 23, 14, 48, 70

____

(9) **Write** these number words as **decimal numbers**.

seven point nine one five ____

thirty-eight point zero four ____

(10) **Write** these decimal numbers as **number words**

419.5 ____

73.46 ____

(11) **Write** these decimals in order of **smallest** to **largest**.

2.51, 2.64, 2.43, 2.18, 2.33, 2.62, 2.49

____

(12) **Write** these decimals in order of **largest** to **smallest**.

1.64, 1.25, 1.41, 1.80, 1.16, 1.33, 1.01

____

Marking Schedule (Circle **S**, **A** or **D**)
S = Shows strength (**All** 28 correct)
A = Achieved (22 to 27 correct)
D = Developing (less than 22 correct)

/28

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A3 Number Assessment

(1) **Adding** decimals /money.

8.52 + 1.39 = ____ $5.89 + $2.78 = ____

4.93 + 3.75 = ____ $2.59 + $9.86 = ____

(2) **Subtracting** decimals / money.

8.95 - 5.91 = ____ $8.17 - $5.93 = ____

7.81 - 3.59 = ____ $9.21 - $6.96 = ____

(3) **Multiplying** whole numbers / money.

316 × 6	962 × 7	$2.68 × 8	$7.42 × 9
____	____	____	____

(4) **Dividing** whole numbers / money.

6)2460 7)4917 8)$4816 9)$2763

(5) In Rooms 9 & 10 there are 37 boys and 26 girls. How many pupils in these classes?

____

(6) If James had $80.00 and spent $53.85, how much would James have left?

____

(7) If there are 35 blocks in each pile, how many blocks are there in 8 piles of blocks?

____

(8) **Add** up Jan's shopping list / work out her change.

$5.85
$17.45
$9.75
$14.35
+ $3.65
____

If Jan paid for her groceries with three $20.00 notes, how much change would she get back?

____
-
____

Marking Schedule (Circle **S**, **A** or **D**)
S = Shows strength (**All** 21 correct)
A = Achieved (17 to 20 correct)
D = Developing (less than 17 correct)

/21

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A4 Number Assessment

(1) **Round** these numbers to the nearest **10**.

637 _____ 455 _____ 524 _____

(2) **Round** these numbers to the nearest 100.

735 _____ 956 _____ 850 _____

(3) What is the **place value** of the **BOLD** digit in each number and what does it mean?

Example: place value = 1's , 10's or 100's

	Place value	Number		Place value	Number
346	_____	_____	463	_____	_____
732	_____	_____	368	_____	_____

(4) **Round** these numbers to the nearest **$10**.

$283 _____ $456 _____ $342 _____

(5) **Round** these numbers to the nearest **$100**.

$837 _____ $450 _____ $972 _____

(6) What is the value of the **BOLD** digit in each money total?

$73.50 _____ $64.47 _____

$42.87 _____ $63.58 _____

(7) **Round** these numbers to the nearest **$1**.

$2.85 _____ $7.45 _____ $8.95 _____

(8) **Round** these numbers to the nearest **$10**.

$74.52 _____ $67.85 _____ $34.58 _____

(9) What is the **place value** of the **BOLD** digit in each number and what does it mean?

Example: place value = $^1/_{10}$'s, $^1/_{100}$'s, 1's , 10's or 100's

	Place value	Number		Place value	Number
652.7	_____	_____	63.80	_____	_____
142.36	_____	_____	521.95	_____	_____

Marking Schedule (Circle **S**, **A** or **D**)
S = Shows strength (**All** 38 correct)
A = Achieved (30 to 37 correct)
D = Developing (less than 30 correct)
/38

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A5 Number Assessment

(1) What do these fractions mean?

$\frac{3}{5}$ means _____ out of _____

$\frac{2}{3}$ means _____ out of _____

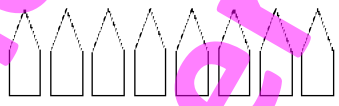
(2) **Write** these words as **fractions**.

two thirds _____ five eighths _____

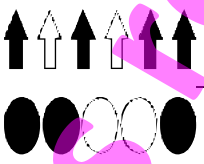
three quarters _____ five sixths _____

(3) **Shade** in $^5/_6$ of this group of shapes.

(4) **Shade** in $^3/_8$ of this group of shapes.



(5) What **fraction** of each group of shapes is shaded?



_____

_____

_____

_____

(6) **Find** each fraction of these whole numbers.

$\frac{1}{6}$ of $48 = _____ $\frac{1}{5}$ of $60 = _____

(7) **Find** each fraction of these decimal numbers.

$\frac{1}{7}$ of $28.14 = _____ $\frac{1}{8}$ of $16.72 = _____

(8) If $72 is shared between nine people, how much does each person get?

_____

(9) If $32.40 is shared between four people, how much does each person get?

_____

Marking Schedule (Circle **S**, **A** or **D**)
S = Shows strength (**All** 18 correct)
A = Achieved (14 to 17 correct)
D = Developing (less than 14 correct)
/18

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B1

Daily Number Revision Numeracy Skills Assessment

A: Adding 2 and 3 digit numbers - no carrying

(1) 44 + 42 = _____
(2) 13 + 36 = _____
(3) 310 + 17 = _____
(4) 82 + 203 = _____
(5) 123 + 13 = _____
(6) 63 + 415 = _____
(7) 462 + 322 = _____
(8) 125 + 854 = _____
(9) 740 + 218 = _____
(10) 110 + 753 = _____

B: Adding 2 and 3 digit numbers - carrying

(1) 98 + 328 = _____
(2) 255 + 59 = _____
(3) 57 + 483 = _____
(4) 137 + 97 = _____
(5) 984 + 776 = _____
(6) 859 + 461 = _____
(7) 456 + 979 = _____
(8) 379 + 849 = _____
(9) 967 + 866 = _____
(10) 828 + 689 = _____

C: Subtracting 2 and 3 digit numbers - no renaming

(1) 87 - 54 = _____
(2) 79 - 60 = _____
(3) 65 - 20 = _____
(4) 84 - 73 = _____
(5) 615 - 305 = _____
(6) 382 - 140 = _____
(7) 992 - 652 = _____
(8) 687 - 527 = _____
(9) 497 - 120 = _____
(10) 596 - 293 = _____

D: Subtracting 2 and 3 digit numbers - renaming

(1) 204 - 39 = _____
(2) 328 - 79 = _____
(3) 132 - 49 = _____
(4) 437 - 69 = _____
(5) 716 - 149 = _____
(6) 653 - 378 = _____
(7) 841 - 558 = _____
(8) 950 - 481 = _____
(9) 414 - 158 = _____
(10) 826 - 147 = _____

E: Multiplying by 6, 7, 8 & 9

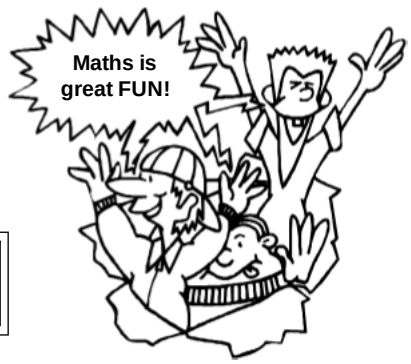
(1) 4 × 6 = _____
(2) 7 × 7 = _____
(3) 2 × 8 = _____
(4) 9 × 10 = _____
(5) 7 × 6 = _____
(6) 7 × 0 = _____
(7) 6 × 8 = _____
(8) 9 × 2 = _____
(9) 1 × 6 = _____
(10) 7 × 9 = _____
(11) 7 × 8 = _____
(12) 9 × 4 = _____
(13) 2 × 6 = _____
(14) 7 × 5 = _____
(15) 10 × 8 = _____
(16) 9 × 5 = _____
(17) 9 × 6 = _____
(18) 7 × 2 = _____
(19) 4 × 8 = _____
(20) 9 × 8 = _____

F: Dividing by 6, 7, 8 & 9

(1) 18 ÷ 6 = _____
(2) 42 ÷ 7 = _____
(3) 24 ÷ 8 = _____
(4) 63 ÷ 9 = _____
(5) 48 ÷ 6 = _____
(6) 70 ÷ 7 = _____
(7) 64 ÷ 8 = _____
(8) 27 ÷ 9 = _____
(9) 30 ÷ 6 = _____
(10) 21 ÷ 7 = _____
(11) 40 ÷ 8 = _____
(12) 9 ÷ 9 = _____
(13) 60 ÷ 6 = _____
(14) 56 ÷ 7 = _____
(15) 8 ÷ 8 = _____
(16) 81 ÷ 9 = _____
(17) 36 ÷ 6 = _____
(18) 28 ÷ 7 = _____
(19) 72 ÷ 8 = _____
(20) 54 ÷ 9 = _____

Section	Summary of Scores
A	_____ / 10
B	_____ / 10
C	_____ / 10
D	_____ / 10
E	_____ / 20
F	_____ / 20
Total:	_____ / 80

Marking Schedule (Circle **S**, **A** or **D**)
S = Shows strength (all correct)
A = Achieved (64 to 79 correct)
D = Developing (less than 64 correct)
80



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B2

Number Assessment

(1) As you count in **8's**, what number comes **before** ...

24 ____ 72 ____ 48 ____ 32 ____

(2) As you count in **8's**, what number comes **after** ...

64 ____ 32 ____ 88 ____ 48 ____

(3) As you count in **9's**, what number comes **before** ...

18 ____ 72 ____ 36 ____ 54 ____

(4) As you count in **9's**, what number comes **after** ...

90 ____ 27 ____ 54 ____ 72 ____

(5) **Write** these number words as **numbers**.

nine hundred and thirty-two ____

five hundred and six ____

(6) **Write** these numbers as **number words**

107 ____

843 ____

(7) **Write** these numbers in order of **smallest** to **largest**.

54, 40, 26, 90, 75, 69, 83, 32, 19

____

(8) **Write** these numbers in order of **largest** to **smallest**.

18, 57, 65, 73, 22, 94, 46, 39, 82

____

(9) **Write** these number words as **decimal numbers**.

one hundred and two point nine ____

forty-seven point six three ____

(10) **Write** these decimal numbers as **number words**

208.1 ____

3.562 ____

(11) **Write** these decimals in order of **smallest** to **largest**.

1.33, 1.65, 1.98, 1.13, 1.47, 1.29, 1.94

____

12. **Write** these decimals in order of **largest** to **smallest**.

3.43, 3.90, 3.79, 3.63, 3.49, 3.20, 3.19

____

Marking Schedule (Circle **S**, **A** or **D**)
S = Shows strength (**All** 28 correct)
A = Achieved (22 to 27 correct)
D = Developing (less than 22 correct)

28

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B3

Number Assessment

(1) **Adding** decimals /money.

6.95 + 2.19 = ____ $4.87 + $5.79 = ____

4.72 + 6.97 = ____ $5.82 + $9.69 = ____

(2) **Subtracting** decimals / money.

7.98 - 3.52 = ____ $9.25 - $5.91 = ____

8.96 - 2.99 = ____ $8.72 - $4.88 = ____

(3) **Multiplying** whole numbers / money.

470	825	$6.39	$5.10
× 6	× 7	× 8	× 9
____	____	____	____

(4) **Dividing** whole numbers / money.

6) 3606 7) 2170 8) $4056 9) $5418

(5) In Rooms 9 & 10 there are 34 boys and 28 girls. How many pupils in these classes?

____

(6) If James had $80.00 and spent $57.65, how much would James have left?

____

(7) If there are 25 blocks in each pile, how many blocks are there in 6 piles of blocks?

____

(8) **Add** up Jan's shopping list / work out her change.

$12.95
$16.35
$9.45
$12.65
+ $7.55
____

If Jan paid for her groceries with three $20.00 notes, how much change would she get back?

____
-
____

Marking Schedule (Circle **S**, **A** or **D**)
S = Shows strength (**All** 21 correct)
A = Achieved (17 to 20 correct)
D = Developing (less than 17 correct)

21

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B4 Number Assessment

(1) **Round** these numbers to the nearest **10**.

809 _____ 783 _____ 467 _____

(2) **Round** these numbers to the nearest 100.

589 _____ 348 _____ 475 _____

(3) What is the **place value** of the **BOLD** digit in each number and what does it mean?
Example: place value = 1's , 10's or 100's

	Place value	Number		Place value	Number
649			764		
937			358		

(4) **Round** these numbers to the nearest **$10**.

$653 _____ $738 _____ $375 _____

(5) **Round** these numbers to the nearest **$100**.

$941 _____ $685 _____ $650 _____

(6) What is the value of the **BOLD** digit in each money total?

$66.75 _____ $94.12 _____

$45.73 _____ $81.63 _____

(7) **Round** these numbers to the nearest **$1**.

$8.56 _____ $7.68 _____ $6.43 _____

(8) **Round** these numbers to the nearest **$10**.

$83.75 _____ $42.24 _____ $96.65 _____

(9) What is the **place value** of the **BOLD** digit in each number and what does it mean?
Example: place value = $^1/_{10}$'s, $^1/_{100}$'s, 1's , 10's or 100's

	Place value	Number		Place value	Number
874.5			96.75		
635.71			631.74		

Marking Schedule (Circle **S**, **A** or **D**)
S = Shows strength (**All** 38 correct)
A = Achieved (30 to 37 correct)
D = Developing (less than 30 correct)
/38

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B5 Number Assessment

(1) What do these fractions mean?

$\frac{3}{4}$ means _____ out of _____

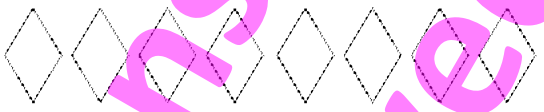
$\frac{5}{6}$ means _____ out of _____

(2) **Write** these words as **fractions**.

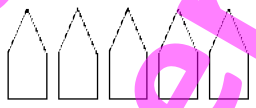
three quarters _____ five sixths _____

four fifths _____ two thirds _____

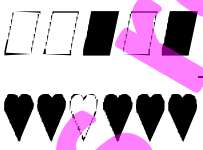
(3) **Shade** in $^5/_8$ of this group of shapes.



(4) **Shade** in $^4/_5$ of this group of shapes.



(5) What **fraction** of each group of shapes is shaded?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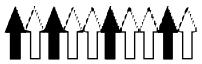
_____

_____


_____

(6) **Find** each fraction of these whole numbers.

$\frac{1}{7}$ of $49 = _____ $\frac{1}{8}$ of $48 = _____

(7) **Find** each fraction of these decimal numbers.

$\frac{1}{6}$ of $30.48 = _____ $\frac{1}{9}$ of $27.54 = _____

(8) If $95 is shared between five people, how much does each person get?

_____

(9) If $36.90 is shared between three people, how much does each person get?

_____

Marking Schedule (Circle **S**, **A** or **D**)
S = Shows strength (**All** 18 correct)
A = Achieved (14 to 17 correct)
D = Developing (less than 14 correct)
/18

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