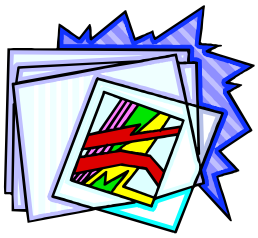
Written in NZ for NZ

Help Me at HOME Series

Number Knowledge Worksheets

A Teacher's resource supplied as PHOTOCOPY MASTERS

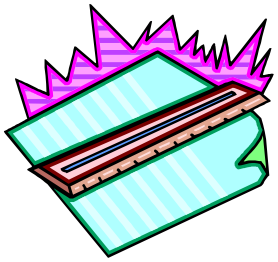
Book 3a



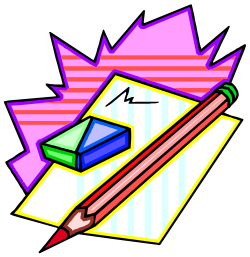
This resource contains

40 NUMBER KNOWLEDGE WORKSHEETS

and supports the
Numeracy Professional Development
Project Stages 4 & 5



This resource is to be used in conjunction with **Book 3b** which covers **Level 2** of the achievement objectives as outlined in the ***Mathematics in the New Zealand Curriculum*** for the strands ... **Number & Algebra, Measurement & Geometry and Statistics.**



Author: A. W. Stark

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AH3a

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Note from the author:

About this resource ...

Help Me at Home Number Knowledge Worksheets
- Book 3a (Code: AH3a)

... is one of a series of **TWO sets** of 8 resources and has been written to support the ***Numeracy Professional Development Project*** currently being implemented within many New Zealand schools.

Resource Book 3a is to be used in conjunction with a second resource, Book 3b.

Help Me at Home Curriculum Strand Worksheets
- Book 3b (Code: AH3b)

Book 3b has been written to cover the achievement objectives as outlined in the ***Mathematics in the New Zealand Curriculum*** (2007 revised edition) document for the teaching areas or strands of ...

Number & **Algebra**, **Measurement** & **Geometry** and **Statistics**.

Background Information:

The Numeracy Professional Development Project being implemented in many schools involves a **knowledge section** and a **strategy section**.

The **knowledge section** introduces and revises the key number knowledge facts required.

The **strategy section** describes the mental processes students employ to estimate answers and solve problems involving the four operations of addition, subtraction, multiplication and division.

The **strategy stages** are listed in this table.

The aim of this project is to equip students with various strategies that allow them to be successful at Mathematics.

In order for this to occur, it is essential for students to be confident with number knowledge.

	Strategy Stages
0	Emergent
1	One-to-one Counting
2	Counting from One on Materials
3	Counting from One by Imaging
4	Advanced Counting (Counting On)
5	Early Additive Part-Whole
6	Advanced Additive Part-Whole
7	Advanced Multiplicative Part-Whole
8	Advanced Proportional Part-Whole

Without the 'knowledge', that is, knowing the basic numeracy facts, it is difficult for a student to progress through the strategy stages. Students move through the strategy stages at different rates and may be working at different stages given a certain problem. This is often a result of gaps in key knowledge, hence it CANNOT be stressed enough the importance of learning the numeracy facts. How children learn the numeracy facts is not as important as knowing them. These resources are designed to systematically introduce and revise the key numeracy facts.

How to use these resources:

There are **2 sets** of **8** resources in this series.

The table opposite shows the suggested Year Group each book can be used at, but this is only a suggestion.

Example: *1 - **2** - 3 means it is likely to be used at Year 2, the bold underlined number.*

Book	Resource Code	Suggested Year Group (underlined)	Strategy Stages covered	Curriculum Level
1a / 1b	AH1a & AH1b	1 - **2** - 3	1 to 3	1
2a / 2b	AH2a & AH2b	2 - **3** - 4	4	1 / 2
3a / 3b	AH3a & AH3b	3 - **4** - 5	4 & 5	2
4a / 4b	AH4a & AH4b	4 - **5** - 6	5 & 6	2 / 3
5a / 5b	AH5a & AH5b	5 - **6** - 7	6 & 7	3
6a / 6b	AH6a & AH6b	6 - **7** - 8	6 & 7	3 / 4
7a / 7b	AH7a & AH7b	7 - **8** - 9	6 to 8	4
8a / 8b	AH8a & AH8b	8 - **9** - 10	6 to 8	5

Why so many resources?

A note for Teachers

There are 2 sets of 8 resources in this series to allow you to have a different book available each year for classes which are made up of mixed year groups. This will stop the problem of a student saying "We used this book last year!". Which book you use for your class is up to your professional judgement, taking into account which resource classes above or below your class might use.

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How to use these TWO resources - Book 3a & Book 3b

Book AH3a
40x Number Knowledge Worksheets

- This resource systematically introduces and revises the number knowledge, presented in various formats.
- Designed to reinforce the Numeracy Professional Development Project, it is intended that one worksheet per week is completed in order from worksheet 1 to worksheet 40.
- One worksheet per week is to be done in conjunction with one worksheet selected from the **Curriculum Strand Worksheet** resource **(Book 3b)**.
- **Book 3a** covers the **Strategy Stages** 4 & 5.

Select ONE worksheet from each book to make up your homework worksheet

Book AH3b
40x Curriculum Strand Worksheets

- The **40 worksheets** in this resource cover the Achievement Objectives as outlined in **Mathematics in the New Zealand Curriculum** for Number & Algebra, Measurement & Geometry and Statistics.
- These worksheets can be completed in any order.
- One worksheet is selected per week to be done in conjunction with one worksheet from the **Number Knowledge Worksheet** resource **(Book 3a)**.
- The worksheet selected per week relates to the topic being covered at school or as revision.
- **Book 3b** covers Level 2 of the **Curriculum**.

Note to Teachers:

- The aim of these TWO resources **(AH3a & AH3b)** are to provide the classroom teacher with a systematic and comprehensive series of worksheets, which form the basis of your mathematics homework.

Worksheets from Book 3a:

- **Photocopy** weekly and sequentially in order, **a Number Knowledge** worksheet from **Book 3a**. On the Number Knowledge worksheet, pupils can record their **Name**, **Term**, **Week** and the **Curriculum Strand Worksheet** that is also to be done that week.

Worksheets from Book 3b:

- **Select** and **photocopy** the appropriate **Curriculum Strand Worksheet** required, as determined by what you are currently teaching in class or a topic you are revising. In the table on the next page, record the curriculum worksheet being used each week.

Extension Activity for Parents:

- **Each Curriculum Strand Worksheet has an AT HOME activity as an extension activity for parents or care-givers.**
- Success in mathematics is greatly enhanced by having a good understanding of Number Knowledge. That is, from being able to add, subtract, multiply and divide with confidence, ... with success .... comes enjoyment.
- Either staple the two worksheets together or create a double sided homework sheet.

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Book 3a (AH3a) - Number Knowledge Worksheets

Number Knowledge Worksheet	Term & Week Enter details below	Curriculum Strand Worksheet Enter the worksheet number issued each week
1	Term: Week:	
2	Term: Week:	
3	Term: Week:	
4	Term: Week:	
5	Term: Week:	
6	Term: Week:	
7	Term: Week:	
8	Term: Week:	
9	Term: Week:	
10	Term: Week:	
11	Term: Week:	
12	Term: Week:	
13	Term: Week:	
14	Term: Week:	
15	Term: Week:	
16	Term: Week:	
17	Term: Week:	
18	Term: Week:	
19	Term: Week:	
20	Term: Week:	

Number Knowledge Worksheet	Term & Week Enter details below	Curriculum Strand Worksheet Enter the worksheet number issued each week
21	Term: Week:	
22	Term: Week:	
23	Term: Week:	
24	Term: Week:	
25	Term: Week:	
26	Term: Week:	
27	Term: Week:	
28	Term: Week:	
29	Term: Week:	
30	Term: Week:	
31	Term: Week:	
32	Term: Week:	
33	Term: Week:	
34	Term: Week:	
35	Term: Week:	
36	Term: Week:	
37	Term: Week:	
38	Term: Week:	
39	Term: Week:	
40	Term: Week:	

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Book 3b (AH3b) - Curriculum Strand Worksheets

(Tick next to worksheet as each ONE worksheet is issued per week)

		Tick			*Tick*
1	Reading and writing 3-digit numbers		21	Analogue time	
2	Numeracy facts for sums of 11 to 18		22	Digital time	
3	Numeracy facts revision - Sums 11 to 18		23	Units of time & a.m. / p.m. time	
4	Addition strategies		24	Months & calendars	
5	More addition and subtraction strategies		25	NZ coins and notes	
6	Place value		26	Finding area by counting squares	
7	Rounding numbers and estimating answers		27	Finding volume by counting cubes	
8	Skip counting in 5's		28	2-Dimensional shapes	
9	Multiples of 5's / multiplication facts		29	3-Dimensional shapes	
10	Skip counting in 3's		30	Describing 3-Dimensional objects	
11	Multiples of 3's / multiplication facts		31	Maps / Compass directions	
12	Introducing division by 'grouping' - 2 & 10		32	Rotation & reflection	
13	Introducing division by 'grouping' - 3 & 5		33	Translation & enlargements	
14	Working with fractions		34	Sorting into groups	
15	Solving equations		35	Tables & tally charts	
16	Measuring units - length		36	Column graphs & pictograms	
17	Reading scales / measuring & drawing lines		37	Stem and leaf graphs & dot plots	
18	Measuring units - weight (mass)		38	Probability words & scales	
19	Measuring units - volume (capacity)		39	Finding outcomes	
20	Temperature		40	Simple probability experiments	

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Number Knowledge Worksheet Section

The following activities are covered in worksheets 1 to 10:

- **Read** and **write** numbers while **skip counting** in **1's** to 100 and **2's** up to 36 in a **forward** or **backward** sequence.

  Example: 2, 4, 6, _____, 10, _____, 14, _____, 18, _____, 22, 24, _____, 28, _____ etc.

- **Skip counting** in **1's** or **2's**, **write** the number that comes **after**, **before** or **between** the given numbers.

  Example: after 18, _____, before _____, 20 between 14, _____, 18

- **Write** 5 numbers between 10 to 100 in **order** from **smallest** to **largest** or **largest** to **smallest**.

  Example: 61, 35, 78, 53, 29 (Note: Either odd numbers or even numbers are circled)

- **One of FOUR activities:**
  Counting by colouring in, counting groups of shapes, writing number words as numerals and writing numerals as number words.

- **Revising** the number combinations that add up to 10 and some combinations up to 18.

  Example: 3 + 1 = _____, 4 + _____ = 6 etc. (Note: Have a supply of objects to model each question.)

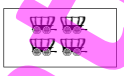
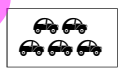
- **Adding** by **splitting numbers** into parts to make **5** or **10,** using known **doubles** or **groupings** of 10.

  Example: 6 + 3 = 5 + _____ = _____ (Note: Subtract 1 from 6, then add 1 to 3. 6 + 3 = 5 + 4 = 9)

  Example: 8 + 7 + 12 = 20 + _____ = _____ (Note: Add 8 to 12 = 20, then add 7. 20 + 7 = 27)

- Using the **'counting on' strategy,** the **addition** combinations **11** to **18** facts are introduced.

  Example:

  9 +  = _____ 8 +  = _____ Note: Have a supply of objects to model each question.

The following activities are covered in worksheets 11 to 20:

- **Read** and **write** numbers while **skip counting** in **2's**, **10's and 5's** in a **forward** or **backward** sequence.

  Example: 10, 20, 30, _____, 50, _____, 70, _____, 90, _____, 110, 120, _____, 140, _____ etc.

- **Skip counting** in **2's**, **10's** and **5's write** the number that comes **after**, **before** or **between** the given numbers.

  Example: after 30, _____, before _____, 70 between 90, _____, 110

- **Write** 5 numbers between 10 to 100 in **order** from **smallest** to **largest** or **largest** to **smallest**.

  Example: 61, 35, 78, 53, 29 (Note: Either odd numbers or even numbers are circled)

- **One of FOUR activities:**
  Counting by colouring in, counting groups of shapes, writing number words as numerals and writing numerals as number words.

- **Revising** the number combinations that add up to 18.

  Example: 8 + 5 = _____, 7 + _____ = 16 etc. (Note: Have a supply of objects to model each question, if required.)

- **Adding** by **splitting numbers** into parts to make **5** or **10,** using known **doubles** or **groupings** of 10.

  Example: 6 + 3 = 5 + _____ = _____ (Note: Subtract 1 from 6, then add 1 to 3. 6 + 3 = 5 + 4 = 9)

  Example: 8 + 7 + 12 = 20 + _____ = _____ (Note: Add 8 to 12 = 20, then add 7. 20 + 7 = 27)

- Using **skip counting** in **2's, 5's** and **10's** to introduce the 2x, 5x and 10x **multiplication facts**.

  Example: *3 x 2 = _____, 4 x 10 = _____, 5 x 6 = _____*

  2 x _____ = 20, 10 x _____ = 60 5 x _____ = 25 (Note: 2 x ? = 10 is the same as 10 ÷ 2 = ?)
  (Division will be introduced later in this book)

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The following activities are covered in worksheets 21 to 30:

- **Read** and **write** numbers while **skip counting** in **2's**, **3's**, **5's and 10's** in a **forward** or **backward** sequence.
  Example: 3, 6, 9, _____, 15, _____, 21, _____, 27, _____, 33, 36, _____, 42, _____ etc.

- **Skip counting** in **2's**, **3's**, **5's** and **10's write** the number that comes **after**, **before** or **between** the given numbers.
  Example: after 27, _____, before _____, 24 between 15, _____, 21

- **One of TEN activities:**
  Writing number words as numerals, ordering decimal numbers, rounding numbers to the nearest 10, introducing place value using an abacus, working with simple fractions, splitting numbers to make 10, renaming numbers into 100's, 10's & 1's, rounding to find estimate answers, naming a digits place value and solving equations .

- **Revising** the number combinations that add up to 18.
  Example: 13 + 4 = _____ , 7 + _____ = 14 etc. (Note: Have a supply of objects to model each question, if required.)

- **Adding** by **splitting numbers** into parts to make **10, groupings** of 10 or adding **10's** & **1's separately**.
  Example: 8 + 7 + 12 = 20 + 7 = 27 (Note: Add 8 to 12 = 20, then add 7. 20 + 7 = 27)
  Example: 23 + 42 = 20 + 40 + 3 + 2 = 65 (Note: Add 20 to 40 = 60, then add 3 to 2 = 5. 60 + 5 = 65)

- Using **skip counting** in **2's, 3's, 5's** and **10's** to revise the 2x, 5x and 10x and introduce the 3x **multiplication facts** and introduce the appropriate **division facts**.
  Example: 9 x 2 = _____ , 7 x 10 = _____ , 3 x _____ = 21 and 35 ÷ 5 = _____

The following activities are covered in worksheets 31 to 40:

- **Read** and **write** numbers while **skip counting** in **2's**, **3's**, **5's and 10's** in a **forward** or **backward** sequence.
  Example: 5, 10, 15, _____, 25, _____, 35, _____, 45, _____, 55, 60, _____, 70, _____ etc.

- **Skip counting** in **2's**, **3's**, **5's** and **10's write** the number that comes **after**, **before** or **between** the given numbers.
  Example: after 15, _____, before _____, 40 between 25, _____, 35

- **One of TEN activities:**
  Writing number words as numerals, ordering decimal numbers, rounding numbers to the nearest 10, introducing place value using an abacus, working with simple fractions, splitting numbers to make 10, renaming numbers into 100's, 10's & 1's, rounding to find estimate answers, naming a digits place value and solving equations .

- **Revising** the number combinations that add up to 18.
  Example: 8 + 6 = _____ , 14 + _____ = 16 etc. (Note: Have a supply of objects to model each question, if required.)

- **Adding** by **splitting numbers** into parts to make **10, groupings** of 10 or adding **10's** & **1's separately**.
  Example: 8 + 7 + 12 = 20 + 7 = 27 (Note: Add 8 to 12 = 20, then add 7. 20 + 7 = 27)
  Example: 23 + 42 = 20 + 40 + 3 + 2 = 65 (Note: Add 20 to 40 = 60, then add 3 to 2 = 5. 60 + 5 = 65)

- Using **skip counting** in **2's, 3's, 5's** and **10's** to revise the 2x, 3's, 5x and 10x **multiplication facts** and revise the appropriate **division facts**.
  Example: 7 x 2 = _____ , 9 x 10 = _____ , 5 x _____ = 50 and 24 ÷ 3 = _____

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1	Name:		Term:		Week:		Worksheet:		AWS

(1) **Write** in the missing numbers as you count in **1's** from **1** to **25**.

1, 2, _____, 4, 5, _____, 7, _____, _____,

10, _____, 12, 13, _____, 15, _____, _____,

18, 19, _____, 21, 22, _____, 24, 25

(2) **Write** the number that comes **after** ...

25, _____ 6, _____ 48, _____

(3) **Write** these numbers in order from **smallest** to **largest**. **Circle** the **odd** numbers.

35
21
12
53
20

_____, _____, _____, _____, _____

(4) **Colour** in **14**

Add and **subtract** these numbers.

(5) 2 + 1 = _____ (10) 5 - 4 = _____

(6) 1 + 5 = _____ (11) 6 - 2 = _____

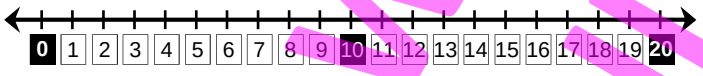
(7) 4 + 6 = _____ (12) 10 - 2 = _____

(8) 8 + 1 = _____ (13) 8 - 7 = _____

(9) 3 + 5 = _____ (14) 9 - 4 = _____

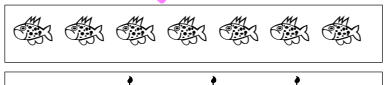
(15) 2 + 3 + 4 = _____ = _____

(16) 9 + 8 = _____ = _____



(17) 6 + = _____

(18) 6 + = _____

(19) 8 +  = _____

(20) 9 + = _____

Working Space

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2	Name:		Term:		Week:		Worksheet:		AWS

(1) **Write** in the missing numbers as you count in **1's** from **25** to **1**.

25, _____, 23, 22, _____, 20, _____,

_____, 17, 16, _____, 14, _____, _____, 11,

10, _____, 8, _____, 6, 5, _____, 3, 2, 1

(2) **Write** the number that comes **before** ...

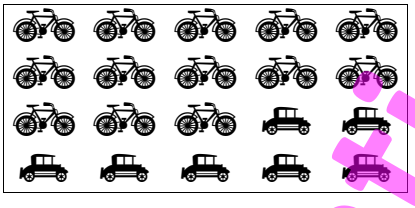
_____ , 19 _____ , 38 _____ , 26

(3) **Write** these numbers in order from **smallest** to **largest**. **Circle** the **even** numbers.

30
54
13
45
31

_____ , _____ , _____ , _____ , _____

(4) **Count** the number of and .



= _____

= _____

Add and **subtract** these numbers.

(5) 1 + 4 = _____ (10) 4 - 1 = _____

(6) 4 + 2 = _____ (11) 5 - 3 = _____

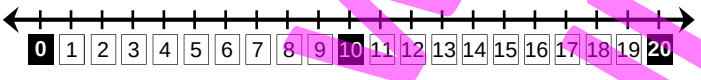
(7) 8 + 2 = _____ (12) 10 - 7 = _____

(8) 1 + 7 = _____ (13) 9 - 3 = _____

(9) 5 + 4 = _____ (14) 8 - 4 = _____

(15) 5 + 4 + 5 = _____ = _____

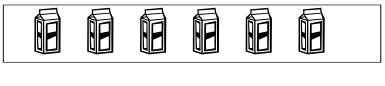
(16) 18 + 7 = _____ = _____



(17) 8 + = _____

(18) 7 + = _____

(19) 8 + = _____

(20) 7 +  = _____

Working Space

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3	Name:		Term:		Week:		Worksheet:		AWS

(1) **Write** in the missing numbers as you count in **1's** from **25** to **50**.

25, ____, 27, ____, 29, 30, ____, 32, 33,

____, ____, 36, 37, ____, ____, 40, 41,

____, ____, 44, 45, 46, 47, ____, 49, 50

(2) **Write** the number that is **between** ...

17 ___ 19, 36 ___ 38, 24 ___ 26

(3) **Write** these numbers in order from **smallest** to **largest**.
Circle the **odd** numbers.

56
41
65
40
14

____, ____, ____, ____, ____

(4) **Write** these **number words** as **numerals**.

two	____	forty	____
fourteen	____	twelve	____
twenty	____	four	____

Add and **subtract** these numbers.

(5) 3 + 1 = ____ (10) 4 - 3 = ____

(6) 2 + 3 = ____ (11) 6 - 3 = ____

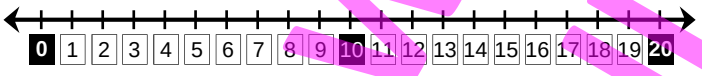
(7) 3 + 7 = ____ (12) 10 - 1 = ____

(8) 6 + 3 = ____ (13) 9 - 8 = ____

(9) 4 + 4 = ____ (14) 8 - 2 = ____

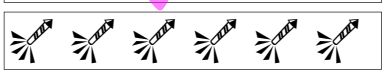
(15) 4 + 2 + 1 = ____ = ____

(16) 19 + 6 = ____ = ____



(17) 9 + = ____

(18) 8 + = ____

(19) 8 +  = ____

(20) 7 + = ____

Working Space

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4	Name:		Term:		Week:		Worksheet:		AWS

(1) **Write** in the missing numbers as you count in **1's** from **50** to **25**.

_____, 49, _____, 47, 46, _____, _____, 43,

42, _____, 40, 39, 38, _____, _____, 35, 34,

_____, 32, 31, 30, _____, 28, _____, 26, 25

(2) **Write** the number that comes **after** ...

31, _____ 50, _____ 73, _____

(3) **Write** these numbers in order from **smallest** to **largest**.
Circle the **even** numbers.

51
76
50
15
67

_____ , _____ , _____ , _____ , _____

(4) **Write** these **numerals** as **number words**.

8 _____
15 _____
18 _____
20 _____

Number words
eleven, twelve, thirteen, fourteen, fifteen, sixteen, seventeen, eighteen, nineteen, twenty

Add and **subtract** these numbers.

(5) 1 + 3 = _____ (10) 3 - 1 = _____

(6) 3 + 3 = _____ (11) 6 - 5 = _____

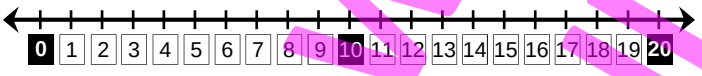
(7) 9 + 1 = _____ (12) 10 - 6 = _____

(8) 1 + 8 = _____ (13) 9 - 1 = _____

(9) 6 + 2 = _____ (14) 8 - 5 = _____

(15) 12 + 9 = _____ = _____

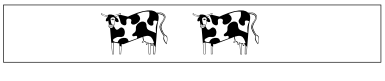
(16) 4 + 5 + 6 = _____ = _____



(17) 7 + = _____

(18) 8 + = _____

(19) 9 + = _____

(20) 9 +  = _____

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5	Name:		Term:		Week:		Worksheet:		AWS

(1) **Write** in the missing numbers as you count in **1's** from **50** to **75**.

50, ____, 52, 53, ____, ____, 56, 57, 58,

____, ____, 61, 62, ____, 64, ____, 66,

____, 68, 69, ____, 71, 72, ____, 74, 75

(2) **Write** the number that comes **before** ...

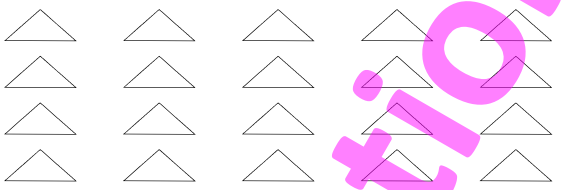
____ , 45 ____ , 64 ____ , 87

(3) **Write** these numbers in order from **smallest** to **largest**. **Circle** the **odd** numbers.

27
61
72
16
60

____ , ____ , ____ , ____ , ____

(4) **Colour** in **13**



Add and **subtract** these numbers.

(5) 5 + 1 = ____ (10) 6 - 4 = ____

(6) 3 + 4 = ____ (11) 7 - 2 = ____

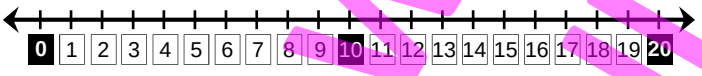
(7) 6 + 4 = ____ (12) 10 - 8 = ____

(8) 2 + 7 = ____ (13) 7 - 1 = ____

(9) 5 + 3 = ____ (14) 9 - 5 = ____

(15) 6 + 19 = ____ = ____

(16) 3 + 4 + 2 = ____ = ____



(17) 5 + = ____

(18) 9 + = ____

(19) 6 + = ____

(20) 7 + = ____

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6	Name:		Term:		Week:		Worksheet:		AWS

(1) **Write** in the missing numbers as you count in **1's** from **75** to **50**.

75, _____, 73, 72, _____, 70, _____, _____, 67,

66, 65, _____, 63, _____, _____, 60, _____,

58, 57, _____, 55, 54, 53, _____, 51, 50

(2) **Write** the number that is **between** ...

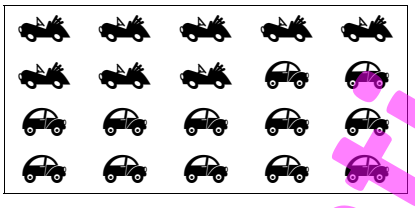
55 ___ 57, 74 ___ 76, 37 ___ 39

(3) **Write** these numbers in order from **smallest** to **largest**.
Circle the **even** numbers.

98
17
70
89
71

_____, _____, _____, _____, _____

(4) **Count** the number of and .



= _____

= _____

Add and **subtract** these numbers.

(5) 2 + 4 = _____

(6) 5 + 2 = _____

(7) 2 + 8 = _____

(8) 6 + 1 = _____

(9) 4 + 5 = _____

(10) 5 - 2 = _____

(11) 7 - 5 = _____

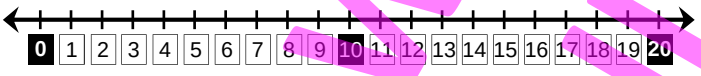
(12) 10 - 3 = _____

(13) 9 - 6 = _____

(14) 8 - 1 = _____

(15) 8 + 3 + 7 = _____ = _____

(16) 7 + 9 = _____ = _____



(17) 7 + = _____

(18) 6 + = _____

(19) 9 + = _____

(20) 5 + = _____

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7	Name:		Term:		Week:		Worksheet:		AWS

(1) **Write** in the missing numbers as you count in **1's** from **75** to **100**.

75, ____, 77, ____, 79, ____, 81, 82, ____,

84, 85, ____, 87, 88, ____, 90, ____, ____,

93, 94, ____, 96, ____, ____, 99, 100

(2) **Write** the number that comes **after** ...

67, _____ 86, _____ 29, _____

(3) **Write** these numbers in order from **smallest** to **largest**. **Circle** the **odd** numbers.

29
80
18
92
81

_____ , _____ , _____ , _____ , _____

(4) **Write** these **number words** as **numerals**.

eighteen	_____	five	_____
fifty	_____	eighty	_____
eight	_____	fifteen	_____

Add and **subtract** these numbers.

(5) 3 + 2 = _____ (10) 4 - 2 = _____

(6) 2 + 5 = _____ (11) 7 - 3 = _____

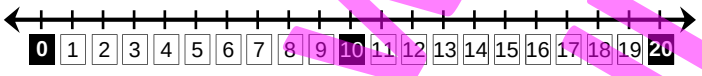
(7) 7 + 3 = _____ (12) 10 - 5 = _____

(8) 3 + 6 = _____ (13) 9 - 2 = _____

(9) 7 + 1 = _____ (14) 8 - 6 = _____

(15) 1 + 6 + 4 = _____ = _____

(16) 9 + 17 = _____ = _____



(17) 6 + = _____

(18) 3 + = _____

(19) 9 + = _____

(20) 5 + = _____

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8 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you count in **1's** from **100** to **75**.

100, ____, 98, 97, ____, 95, ____, ____,

92, 91, ____, 89, 88, ____, 86, ____, 84,

83, ____, ____, 80, ____, 78, ____, 76, 75

(2) **Write** the number that comes **before** ...

____ , 71 ____ , 99 ____ , 22

(3) **Write** these numbers in order from **smallest** to **largest**. **Circle** the **even** numbers.

91
52
25
19
90

____ , ____ , ____ , ____ , ____

(4) **Write** these **numerals** as **number words**.

8 ____

13 ____

16 ____

19 ____

Number words
eleven, twelve, thirteen, fourteen, fifteen, sixteen, seventeen, eighteen, nineteen, twenty

Add and **subtract** these numbers.

(5) 2 + 2 = ____ (10) 6 - 1 = ____

(6) 4 + 3 = ____ (11) 7 - 4 = ____

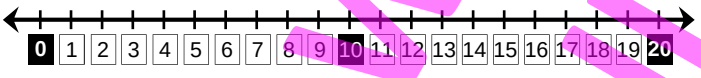
(7) 5 + 5 = ____ (12) 10 - 4 = ____

(8) 7 + 2 = ____ (13) 9 - 7 = ____

(9) 2 + 6 = ____ (14) 8 - 3 = ____

(15) 18 + 6 = ____ = ____

(16) 8 + 7 + 2 = ____ = ____



(17) 4 + = ____

(18) 8 + = ____

(19) 9 + = ____

(20) 4 + = ____

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9	Name:		Term:		Week:		Worksheet:		AWS

(1) **Write** in the missing numbers as you skip count in **2's**.

2, ____, ____, 8, ____, 12, 14, ____, 18, 20,

____, ____, 26, ____, ____, 32, 34, ____

(2) **Skip counting** in **2's**, **write** the number that is **between** ...

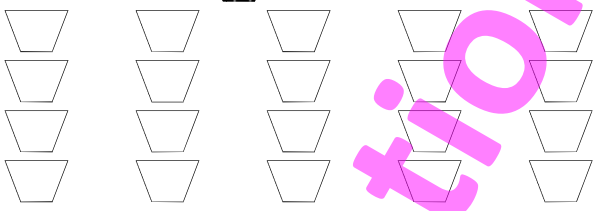
78 ___ 82, 50 ___ 54, 34 ___ 38

(3) **Write** these numbers in order from **smallest** to **largest**. **Circle** the **odd** numbers.

46
12
64
21
20

____ , ____ , ____ , ____ , ____

(4) **Colour** in 16



Add and **subtract** these numbers.

(5) 11 + 4 = ____

(6) 6 + 6 = ____

(7) 4 + 7 = ____

(8) 7 + 5 = ____

(9) 6 + 8 = ____

(10) 15 - 2 = ____

(11) 10 - 8 = ____

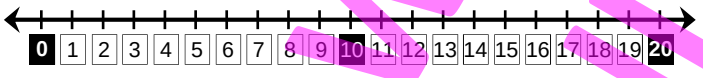
(12) 11 - 4 = ____

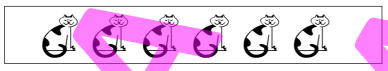
(13) 12 - 7 = ____

(14) 13 - 4 = ____

(15) 5 + 19 = ____ = ____

(16) 12 + 4 + 3 = ____ = ____



(17) 8 +  = ____

(18) 9 + = ____

(19) 7 + = ____

(20) 9 + = ____

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10 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count backwards in **2's**.

36, ____, ____, 30, ____, 26, 24, ____, 20,

____, 16, ____, ____, 10, ____, 6, 4, ____

(2) **Skip counting** in **2's**, **write** the number that comes **after** ...

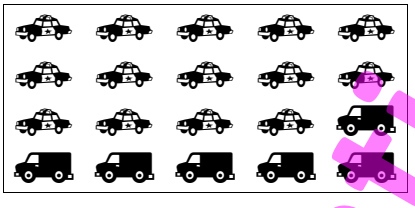
92, ____ 28, ____ 46, ____

(3) **Write** these numbers in order from **smallest** to **largest**. **Circle** the **even** numbers.

31
75
57
13
30

____, ____, ____, ____, ____

(4) **Count** the number of and .



= ____

= ____

Add and **subtract** these numbers.

(5) 13 + 2 = ____ (10) 15 - 3 = ____

(6) 2 + 8 = ____ (11) 10 - 3 = ____

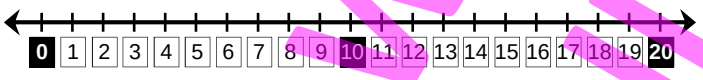
(7) 7 + 4 = ____ (12) 11 - 6 = ____

(8) 5 + 7 = ____ (13) 12 - 3 = ____

(9) 9 + 4 = ____ (14) 14 - 7 = ____

(15) 6 + 11 + 9 = ____ = ____

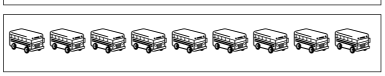
(16) 19 + 7 = ____ = ____



(17) 9 + = ____

(18) 6 + = ____

(19) 8 + = ____

(20) 9 +  = ____

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11 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count in **2's**.

____, 4, 6, ____, 10, ____, ____, 16, ____,

____, 22, ____, 26, ____, ____, 32, 34, 36

(2) **Skip counting** in **2's**, **write** the number that comes **before** ...

_____ , 8 _____ , 36 _____ , 54

(3) **Write** these numbers in order from **smallest** to **largest**. **Circle** the **odd** numbers.

86
40
14
68
41

_____ , _____ , _____ , _____ , _____

(4) **Write** these **number words** as **numerals**.

ninety	_____	thirteen	_____
three	_____	nine	_____
nineteen	_____	thirty	_____

Add and **subtract** these numbers.

(5) 12 + 3 = _____ (10) 15 - 4 = _____

(6) 7 + 3 = _____ (11) 10 - 9 = _____

(7) 5 + 6 = _____ (12) 11 - 3 = _____

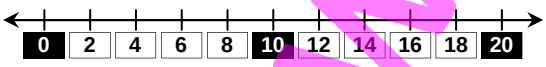
(8) 9 + 3 = _____ (13) 12 - 8 = _____

(9) 7 + 7 = _____ (14) 14 - 5 = _____

(15) 3 + 4 + 11 = _____ = _____

(16) 6 + 18 = _____ = _____

Skip counting in **2's** and **multiplying**.



(17) 2 x 5 = _____ (22) 1 x 2 = _____

(18) 2 x 2 = _____ (23) 2 x 4 = _____

(19) 2 x 7 = _____ (24) 6 x 2 = _____

(20) 3 x 2 = _____ (25) 2 x 9 = _____

(21) 2 x 8 = _____ (26) 10 x 2 = _____

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12 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count backwards in **2's**.

36, 34, 32, ____, 28, ____, ____, 22, 20,

____, ____, 14, 12, ____, 8, ____, ____, 2

(2) **Skip counting** in **2's**, **write** the number that is **between** ...

18 ____ 22, 26 ____ 30, 38 ____ 42

(3) **Write** these numbers in order from **smallest** to **largest**. **Circle** the **even** numbers.

50
15
97
51
79

____, ____, ____, ____, ____

(4) **Write** these **numerals** as **number words**.

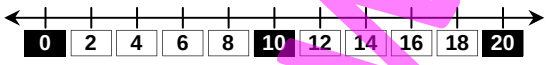
7 _____
11 _____
12 _____
17 _____

Number words
eleven, twelve, thirteen, fourteen, fifteen, sixteen, seventeen, eighteen, nineteen, twenty

Add and **subtract** these numbers.

(5) 11 + 4 = ____
(6) 1 + 9 = ____
(7) 8 + 3 = ____
(8) 4 + 8 = ____
(9) 9 + 5 = ____
(10) 15 - 4 = ____
(11) 12 - 6 = ____
(12) 11 - 7 = ____
(13) 12 - 5 = ____
(14) 14 - 8 = ____
(15) 18 + 5 = _____ = ____
(16) 6 + 3 + 14 = _____ = ____

Skip counting in **2's** and **multiplying**.



(17) ____ x 2 = 2
(18) 2 x ____ = 8
(19) ____ x 2 = 12
(20) 2 x ____ = 18
(21) ____ x 2 = 20
(22) 2 x ____ = 10
(23) ____ x 2 = 4
(24) 2 x ____ = 14
(25) ____ x 2 = 6
(26) 2 x ____ = 16

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13 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count in **10's**.

10, 20, ____, 40, ____, 60, 70, ____, ____,

100, ____, 120, 130, ____, 150, ____, 170

(2) **Skip counting** in **10's**, **write** the number that comes **after** ...

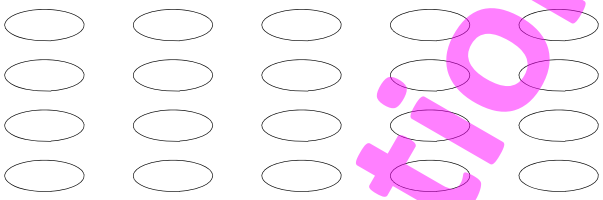
40, _____ 100, _____ 70, _____

(3) **Write** these numbers in order from **smallest** to **largest**. **Circle** the **odd** numbers.

61
85
58
16
60

_____, _____, _____, _____, _____

(4) **Colour** in **17**



Add and **subtract** these numbers.

(5) 13 + 2 = _____ (10) 16 - 4 = _____

(6) 15 + 2 = _____ (11) 19 - 5 = _____

(7) 9 + 2 = _____ (12) 12 - 4 = _____

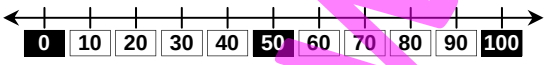
(8) 5 + 8 = _____ (13) 13 - 7 = _____

(9) 8 + 9 = _____ (14) 15 - 6 = _____

(15) 16 + 7 = _____ = _____

(16) 4 + 13 + 2 = _____ = _____

Skip counting in **10's** and **multiplying**.



(17) 10 x 5 = _____ (22) 1 x 10 = _____

(18) 2 x 10 = _____ (23) 10 x 4 = _____

(19) 10 x 7 = _____ (24) 6 x 10 = _____

(20) 3 x 10 = _____ (25) 10 x 9 = _____

(21) 10 x 8 = _____ (26) 10 x 10 = _____

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14 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count backwards in **10's**.

170, 160, ____, ____, 130, ____, 110, ____,

90, ____, 70, ____, 50, ____, 30, ____, 10

(2) **Skip counting** in **10's**, **write** the number that comes **before** ...

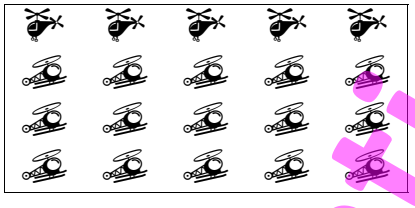
____ , 30 ____ , 120 ____ , 80

(3) **Write** these numbers in order from **smallest** to **largest**. **Circle** the **even** numbers.

71
69
96
70
17

____ , ____ , ____ , ____ , ____

(4) **Count** the number of and .



= ____

= ____

Add and **subtract** these numbers.

(5) 12 + 4 = ____

(6) 14 + 5 = ____

(7) 8 + 4 = ____

(8) 6 + 7 = ____

(9) 9 + 6 = ____

(10) 16 - 3 = ____

(11) 18 - 3 = ____

(12) 12 - 9 = ____

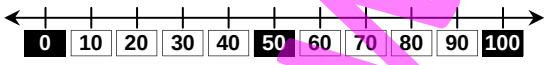
(13) 13 - 6 = ____

(14) 18 - 9 = ____

(15) 5 + 7 + 15 = ____ = ____

(16) 7 + 18 = ____ = ____

Skip counting in **10's** and **multiplying**.



(17) 1 x 10 = ____

(18) 10 x 4 = ____

(19) 6 x 10 = ____

(20) 10 x 9 = ____

(21) 10 x 10 = ____

(22) 10 x 5 = ____

(23) 2 x 10 = ____

(24) 10 x 7 = ____

(25) 3 x 10 = ____

(26) 10 x 8 = ____

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15 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count in **10's**.

10, 20, 30, ____, 50, ____, ____, 80, ____,

____, 110, ____, 130, ____, ____, 160, ____

(2) **Skip counting** in **10's**, **write** the number that is **between** ...

20 ___ 40, 90 ___ 110, 60 ___ 80

(3) **Write** these numbers in order from **smallest** to **largest**. **Circle** the **odd** numbers.

81
63
18
36
80

____, ____, ____, ____, ____

(4) **Write** these **number words** as **numerals**.

sixty	____	three	____
thirteen	____	six	____
sixteen	____	thirty	____

Add and **subtract** these numbers.

(5) 13 + 3 = ____ (10) 17 - 5 = ____

(6) 15 + 3 = ____ (11) 18 - 7 = ____

(7) 3 + 9 = ____ (12) 12 - 6 = ____

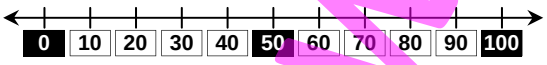
(8) 7 + 6 = ____ (13) 13 - 5 = ____

(9) 9 + 9 = ____ (14) 16 - 9 = ____

(15) 11 + 3 + 4 = ____ = ____

(16) 17 + 7 = ____ = ____

Skip counting in **10's** and **multiplying**.



(17) ____ x 10 = 50 (22) 10 x ____ = 10

(18) 10 x ____ = 20 (23) ____ x 10 = 40

(19) ____ x 10 = 70 (24) 10 x ____ = 60

(20) 10 x ____ = 30 (25) ____ x 10 = 90

(21) ____ x 10 = 80 (26) 10 x ____ = 100

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16 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count backwards in **10's**.

200, ____, 180, 170, ____, 150, 140, ____,

120, ____, 100, ____, ____, 70, ____, ____

(2) **Skip counting** in **10's**, **write** the number that comes **after** ...

60, _____ 120, _____ 90, _____

(3) **Write** these numbers in order from **smallest** to **largest**. **Circle** the **even** numbers.

19
48
90
84
91

_____, _____, _____, _____, _____

(4) **Write** these **numerals** as **number words**.

29 _____

92 _____

34 _____

43 _____

Number words
one, two, three, four, five, six, seven, eight, nine, twenty, thirty, forty, fifty, sixty, seventy, eighty, ninety

Add and **subtract** these numbers.

(5) 12 + 5 = ____ (10) 15 - 2 = ____

(6) 11 + 7 = ____ (11) 17 - 2 = ____

(7) 6 + 6 = ____ (12) 11 - 2 = ____

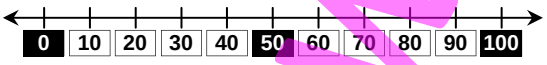
(8) 8 + 5 = ____ (13) 13 - 8 = ____

(9) 7 + 9 = ____ (14) 17 - 9 = ____

(15) 14 + 9 = _____ = ____

(16) 12 + 7 + 8 = _____ = ____

Skip counting in **10's** and **multiplying**.



(17) ____ x 10 = 10 (22) 10 x ____ = 50

(18) 10 x ____ = 40 (23) ____ x 10 = 20

(19) ____ x 10 = 60 (24) 10 x ____ = 70

(20) 10 x ____ = 90 (25) ____ x 10 = 30

(21) ____ x 10 = 100 (26) 10 x ____ = 80

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17 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count in **5's**.

5, 10, _____, 20, _____, _____, 35, _____,

_____, 50, 55, _____, _____, 70, 75, _____

(2) **Skip counting** in **5's**, **write** the number that comes **before** ...

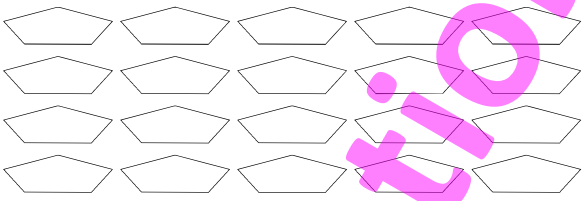
_____ , 15 _____ , 65 _____ , 90

(3) **Write** these numbers in order from **smallest** to **largest**. **Circle** the **odd** numbers.

21
59
95
20
12

_____ , _____ , _____ , _____ , _____

(4) **Colour** in **15**



Add and **subtract** these numbers.

(5) 13 + 3 = _____ (10) 16 - 2 = _____

(6) 13 + 4 = _____ (11) 19 - 8 = _____

(7) 9 + 2 = _____ (12) 11 - 4 = _____

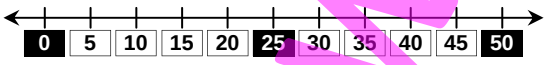
(8) 6 + 9 = _____ (13) 19 - 6 = _____

(9) 15 + 2 = _____ (14) 13 - 4 = _____

(15) 9 + 15 = _____ = _____

(16) 12 + 3 + 4 = _____ = _____

Skip counting in **5's** and **multiplying**.



(17) 5 x 5 = _____ (22) 1 x 5 = _____

(18) 2 x 5 = _____ (23) 5 x 4 = _____

(19) 5 x 7 = _____ (24) 6 x 5 = _____

(20) 3 x 5 = _____ (25) 5 x 9 = _____

(21) 5 x 8 = _____ (26) 10 x 5 = _____

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18 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count backwards in **5's**.

85, 80, ____, ____, 65, ____, ____, 50,

____, ____, 35, 30, ____, ____, 15, ____, 5

(2) **Skip counting** in **5's**, **write** the number that is **between** ...

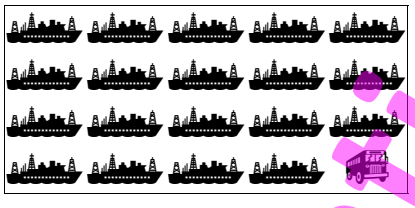
75 ___ 85, 20 ___ 30, 95 ___ 105

(3) **Write** these numbers in order from **smallest** to **largest**. **Circle** the **even** numbers.

62
13
26
31
30

____, ____, ____, ____, ____

(4) **Count** the number of and .



= ____

= ____

Add and **subtract** these numbers.

(5) 14 + 2 = ____

(6) 11 + 8 = ____

(7) 7 + 4 = ____

(8) 13 + 6 = ____

(9) 9 + 4 = ____

(10) 17 - 3 = ____

(11) 19 - 7 = ____

(12) 11 - 5 = ____

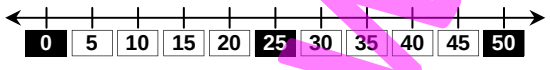
(13) 14 - 7 = ____

(14) 18 - 2 = ____

(15) 6 + 7 + 13 = ____ = ____

(16) 9 + 17 = ____ = ____

Skip counting in **5's** and **multiplying**.



(17) 5 x 1 = ____

(18) 4 x 5 = ____

(19) 5 x 6 = ____

(20) 9 x 5 = ____

(21) 5 x 10 = ____

(22) 5 x 5 = ____

(23) 5 x 2 = ____

(24) 7 x 5 = ____

(25) 5 x 3 = ____

(26) 8 x 5 = ____

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19 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count in **5's**.

_____, 10, 15, _____, 25, _____, _____, 40,

_____, _____, 55, 60, 65, _____, _____, 80

(2) **Skip counting** in **5's**, **write** the number that comes **after** ...

20, _____ 85, _____ 70, _____

(3) **Write** these numbers in order from **smallest** to **largest**. **Circle** the **odd** numbers.

41
73
40
14
37

_____, _____, _____, _____, _____

(4) **Write** these **number words** as **numerals**.

nine	_____	seventeen	_____
seventy	_____	nineteen	_____
ninety	_____	seven	_____

Add and **subtract** these numbers.

(5) 14 + 3 = _____ (10) 15 - 2 = _____

(6) 12 + 7 = _____ (11) 20 - 9 = _____

(7) 6 + 5 = _____ (12) 11 - 3 = _____

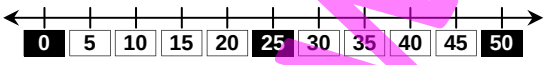
(8) 7 + 7 = _____ (13) 19 - 5 = _____

(9) 16 + 2 = _____ (14) 15 - 6 = _____

(15) 4 + 5 + 11 = _____ = _____

(16) 18 + 8 = _____ = _____

Skip counting in **5's** and **multiplying**.



(17) ____ x 5 = 25 (22) 5 x ____ = 5

(18) 5 x ____ = 10 (23) ____ x 5 = 20

(19) ____ x 5 = 35 (24) 5 x ____ = 30

(20) 5 x ____ = 15 (25) ____ x 5 = 45

(21) ____ x 5 = 40 (26) 5 x ____ = 50

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20 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count backwards in **5's**.

80, 75, _____, _____, 60, 55, _____, 45,

_____, _____, 30, _____, 20, _____, 10, 5

(2) **Skip counting** in **5's**, **write** the number that comes **before** ...

_____ , 30 _____ , 85 _____ , 65

(3) **Write** these numbers in order from **smallest** to **largest**. **Circle** the **even** numbers.

31
65
56
13
30

_____ , _____ , _____ , _____ , _____

(4) **Write** these **numerals** as **number words**.

25 _____

52 _____

46 _____

64 _____

Number words
one, two, three, four, five, six, seven, eight, nine, twenty, thirty, forty, fifty, sixty, seventy, eighty, ninety

Add and **subtract** these numbers.

(5) 13 + 2 = ____ (10) 16 - 3 = ____

(6) 11 + 9 = ____ (11) 17 - 4 = ____

(7) 8 + 3 = ____ (12) 11 - 2 = ____

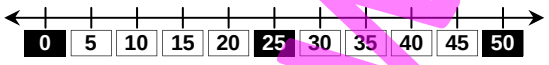
(8) 14 + 5 = ____ (13) 15 - 9 = ____

(9) 9 + 6 = ____ (14) 17 - 2 = ____

(15) 19 + 8 = _____ = ____

(16) 9 + 7 + 11 = _____ = ____

Skip counting in **5's** and **multiplying**.



(17) 5 x ____ = 5 (22) ____ x 5 = 25

(18) ____ x 5 = 20 (23) 5 x ____ = 10

(19) 5 x ____ = 30 (24) ____ x 5 = 35

(20) ____ x 5 = 45 (25) 5 x ____ = 15

(21) 5 x ____ = 50 (26) ____ x 5 = 40

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21 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count in **3's**.

3, _____, 9, _____, _____, 18, 21, _____,

27, 30, _____, 36, _____, 42, _____, 48

(2) **Skip counting** in **3's**, **write** the number that comes **after** ...

12, _____ 33, _____ 21, _____

(3) **Write** these decimal numbers in order from **smallest** to **largest**.

82.6
3.0
1.64
5.8
38.1

_____, _____, _____, _____, _____

(4) **Write** these **number words** as **numerals**.

ninety-two _____ forty-five _____

fifty-four _____ twenty-nine _____

one hundred and seventy-two _____

Add and **subtract** these numbers.

(5) 11 + 5 = _____ (10) 15 - 3 = _____

(6) 2 + 8 = _____ (11) 10 - 7 = _____

(7) 8 + 6 = _____ (12) 12 - 3 = _____

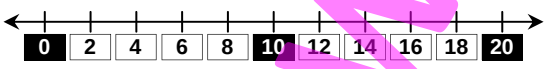
(8) 8 + 8 = _____ (13) 18 - 4 = _____

(9) 15 + 3 = _____ (14) 15 - 7 = _____

(15) 14 + 23 = _____ = _____

(16) 25 + 3 + 5 = _____ = _____

Multiplying and **dividing** by **2**.



(17) 2 x 5 = _____ (22) 2 ÷ 2 = _____

(18) 2 x 2 = _____ (23) 8 ÷ 2 = _____

(19) 2 x 7 = _____ (24) 12 ÷ 2 = _____

(20) _____ x 2 = 6 (25) 18 ÷ 2 = _____

(21) 2 x _____ = 16 (26) 20 ÷ 2 = _____

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22 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count backwards **3's**.

48, _____, 42, _____, _____, 33, 30, _____,

24, _____, _____, 15, 12, _____, 6, _____

(2) **Skip counting** in **3's**, **write** the number that comes **before** ...

_____ , 24 _____ , 15 _____ , 30

(3) **Rename** these numbers into **100's**, **10's** and **1's**.

462 = ☐ 100's + ☐ 10's + ☐ 1's

973 = ☐ 100's + ☐ 10's + ☐ 1's

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

562 = _____ 128 = _____

709 = _____ 434 = _____

Add and **subtract** these numbers.

(5) 12 + 3 = _____ (10) 18 - 7 = _____

(6) 3 + 7 = _____ (11) 10 - 4 = _____

(7) 9 + 3 = _____ (12) 12 - 7 = _____

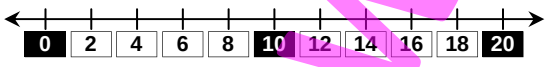
(8) 14 + 4 = _____ (13) 17 - 8 = _____

(9) 8 + 7 = _____ (14) 18 - 6 = _____

(15) 14 + 9 + 6 = _____ = _____

(16) 32 + 35 = _____ = _____

Multiplying and **dividing** by **2**.



(17) 1 x 2 = _____ (22) 10 ÷ 2 = _____

(18) 2 x 4 = _____ (23) 4 ÷ 2 = _____

(19) 6 x 2 = _____ (24) 14 ÷ 2 = _____

(20) 2 x _____ = 18 (25) 6 ÷ 2 = _____

(21) _____ x 2 = 20 (26) 16 ÷ 2 = _____

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(1) **Write** in the missing numbers as you skip count in **3's**.

3, 6, _____, _____, 15, _____, 21, _____,

_____, 30, _____, 36, _____, 42, _____, 48

(2) **Skip counting** in **3's**, **write** the number that is **between** ...

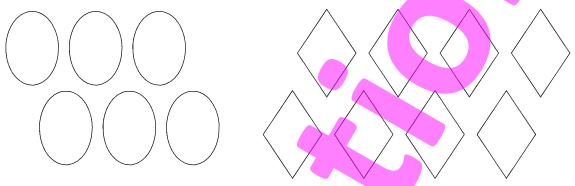
9 ___ 15, 30 ___ 36, 21 ___ 27

(3) **Work out** what number goes where the letters are, i.e. solve these equations.

16 + **a** = 20 **a** = _____

b + 23 = 40 **b** = _____

(4) **Colour** in $\frac{1}{2}$ of each group of shapes.



Add and **subtract** these numbers.

(5) 11 + 7 = _____ (10) 15 - 4 = _____

(6) 6 + 4 = _____ (11) 10 - 6 = _____

(7) 5 + 7 = _____ (12) 13 - 7 = _____

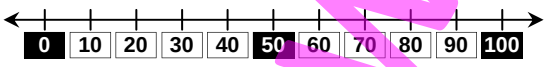
(8) 9 + 8 = _____ (13) 19 - 8 = _____

(9) 12 + 6 = _____ (14) 16 - 9 = _____

(15) 43 + 8 + 7 = _____ = _____

(16) 16 + 42 = _____ = _____

Multiplying and **dividing** by **10**.



(17) 10 x 5 = _____ (22) 10 ÷ 10 = _____

(18) 2 x 10 = _____ (23) 40 ÷ 10 = _____

(19) 10 x 7 = _____ (24) 60 ÷ 10 = _____

(20) _____ x 10 = 30 (25) 90 ÷ 10 = _____

(21) 10 x _____ = 80 (26) 100 ÷ 10 = _____

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(1) **Write** in the missing numbers as you skip count backwards in **3's**.

45, _____, 39, _____, 33, _____, 27, _____,

_____, _____, 15, _____, 9, _____, _____

(2) **Skip counting** in **3's**, **write** the number that comes **after** ...

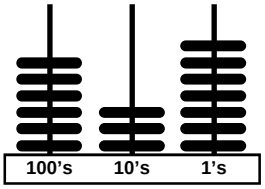
27, _____ 12, _____ 24, _____

(3) **Round** each number to the **nearest $10**, then work out an **estimated answer**.

$38 + $42 = _____ + _____ = _____

$78 - $53 = _____ - _____ = _____

(4) What number is shown on this abacus?



100's = _____

10's = _____

1's = _____

Number = _____

Add and **subtract** these numbers.

(5) 11 + 4 = _____ (10) 16 - 5 = _____

(6) 4 + 6 = _____ (11) 10 - 8 = _____

(7) 6 + 7 = _____ (12) 14 - 6 = _____

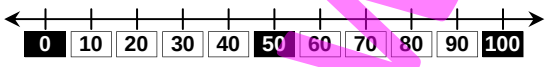
(8) 11 + 8 = _____ (13) 16 - 8 = _____

(9) 7 + 9 = _____ (14) 18 - 3 = _____

(15) 31 + 27 = _____ = _____

(16) 8 + 9 + 32 = _____ = _____

Multiplying and **dividing** by **10**.



(17) 1 x 10 = _____ (22) 50 ÷ 10 = _____

(18) 10 x 4 = _____ (23) 20 ÷ 10 = _____

(19) 6 x 10 = _____ (24) 70 ÷ 10 = _____

(20) 10 x _____ = 90 (25) 30 ÷ 10 = _____

(21) _____ x 10 = 100 (26) 80 ÷ 10 = _____

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(1) **Write** in the missing numbers as you skip count backwards in **2's**.

30, 28, _____, 24, _____, 20, _____, 16,

_____, _____, _____, _____, 6, _____, 2

(2) **Skip counting** in **10's**, **write** the number that comes **before** ...

_____ , 30 _____ , 90 _____ , 60

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

	Place value	means
370	_____	_____

(4) If Rangi has 8 blue and 7 green marbles, how many marbles does he have altogether?

_____ + _____ = 10 + _____ = _____

Add and **subtract** these numbers.

(5) 13 + 3 = _____ (10) 16 - 2 = _____

(6) 13 + 4 = _____ (11) 19 - 8 = _____

(7) 9 + 2 = _____ (12) 11 - 4 = _____

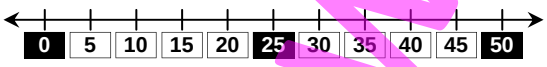
(8) 6 + 9 = _____ (13) 19 - 6 = _____

(9) 15 + 2 = _____ (14) 13 - 4 = _____

(15) 31 + 43 = _____ = _____

(16) 21 + 6 + 9 = _____ = _____

Multiplying and **dividing** by **5**.



(17) 5 x 5 = _____ (22) 5 ÷ 5 = _____

(18) 2 x 5 = _____ (23) 20 ÷ 5 = _____

(19) 5 x 7 = _____ (24) 30 ÷ 5 = _____

(20) _____ x 5 = 15 (25) 45 ÷ 5 = _____

(21) 5 x _____ = 40 (26) 50 ÷ 5 = _____

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26 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count **10's**.

10, ____, ____, 40, ____, 60, 70, ____, 90,

____, 110, ____, ____, 140, ____

(2) **Skip counting** in **5's**, **write** the number that is **between** ...

55 ___ 65, 40 ___ 50, 85 ___ 95

(3) **Write** these decimal numbers in order from **largest** to **smallest**.

9.8
4.35
68.1
3.73
8.4

____, ____, ____, ____, ____

(4) **Write** these **number words** as **numerals**.

forty-three ____ eighteen ____

eighty-one ____ thirty-four ____

seven hundred and fifty ____

Add and **subtract** these numbers.

(5) 14 + 2 = ____ (10) 17 - 3 = ____

(6) 11 + 8 = ____ (11) 19 - 7 = ____

(7) 7 + 4 = ____ (12) 11 - 5 = ____

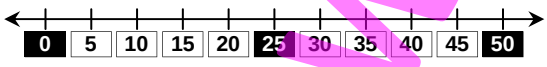
(8) 13 + 6 = ____ (13) 14 - 7 = ____

(9) 9 + 4 = ____ (14) 18 - 2 = ____

(15) 6 + 24 + 9 = ____ = ____

(16) 52 + 34 = ____ = ____

Multiplying and **dividing** by **5**.



(17) 1 x 5 = ____ (22) 25 ÷ 5 = ____

(18) 5 x 4 = ____ (23) 10 ÷ 5 = ____

(19) 6 x 5 = ____ (24) 35 ÷ 5 = ____

(20) 5 x ____ = 45 (25) 15 ÷ 5 = ____

(21) ____ x 5 = 50 (26) 40 ÷ 5 = ____

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27 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count backwards in **5's**.

_____, 65, _____, 55, _____, _____, _____,

35, _____, _____, 20, _____, _____, 5

(2) **Skip counting** in **3's**, **write** the number that comes **after** ...

24, _____ 9, _____ 18, _____

(3) **Rename** these numbers into **100's**, **10's** and **1's**.

806 = ☐ 100's + ☐ 10's + ☐ 1's

350 = ☐ 100's + ☐ 10's + ☐ 1's

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

673 = _____ 944 = _____

539 = _____ 635 = _____

Add and **subtract** these numbers.

(5) 14 + 3 = _____ (10) 15 - 2 = _____

(6) 12 + 7 = _____ (11) 20 - 9 = _____

(7) 6 + 5 = _____ (12) 11 - 3 = _____

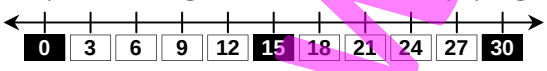
(8) _____ + 7 = 14 (13) 19 - _____ = 14

(9) 16 + _____ = 18 (14) _____ - 6 = 9

(15) 35 + 9 + 5 = _____ = _____

(16) 41 + 16 = _____ = _____

Skip counting in **3's** and **multiplying**.



(17) 3 x 5 = _____ (22) 1 x 3 = _____

(18) 2 x 3 = _____ (23) 3 x 4 = _____

(19) 3 x 7 = _____ (24) 6 x 3 = _____

(20) 3 x 3 = _____ (25) 3 x 9 = _____

(21) 3 x 8 = _____ (26) 10 x 3 = _____

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28 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count in **3's**.

_____, 6, _____, _____, 15, 18, _____, _____,

27, _____, _____, 36, _____, 42, _____, 48

(2) **Skip counting** in **2's**, **write** the number that comes **before** ...

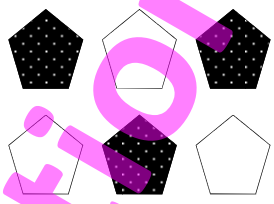
_____ , 16 _____ , 24 _____ , 32

(3) **Round** each number to the **nearest $10**, then work out an **estimated answer**.

$57 x 3 = _____ x 3 = _____

$148 ÷ 5 = _____ ÷ 5 = _____

(4) What **fraction** of these shapes are shaded, $\frac{1}{2}$ or $\frac{1}{4}$?



_____

Add and **subtract** these numbers.

(5) 13 + 2 = _____ (10) 16 - 3 = _____

(6) 11 + 9 = _____ (11) 17 - 4 = _____

(7) 8 + 3 = _____ (12) 11 - 2 = _____

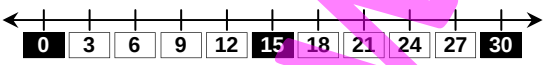
(8) _____ + 5 = 19 (13) 15 - _____ = 6

(9) 9 + _____ = 15 (14) _____ - 2 = 15

(15) 21 + 65 = _____ = _____

(16) 9 + 31 + 7 = _____ = _____

Skip counting in **3's** and **multiplying**.



(17) 1 x 3 = _____ (22) 3 x 5 = _____

(18) 3 x 4 = _____ (23) 2 x 3 = _____

(19) 6 x 3 = _____ (24) 3 x 7 = _____

(20) 3 x 9 = _____ (25) 3 x 3 = _____

(21) 10 x 3 = _____ (26) 3 x 8 = _____

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(1) **Write** in the missing numbers as you skip count in **2's**.

2, _____, _____, _____, 10, _____, _____, 16,

18, _____, _____, _____, 26, _____, _____

(2) **Skip counting** in **5's**, **write** the number that is **between** ...

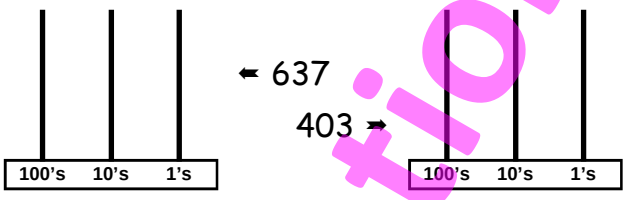
75 ___ 85, 20 ___ 30, 95 ___ 105

(3) **Work out** what number goes where the letters are, i.e. solve these equations.

4 x **c** = 28 **c** = _____

d ÷ 6 = 7 **d** = _____

(4) **Draw** these numbers on each abacus.



Add and **subtract** these numbers.

(5) 13 + 3 = ____

(6) 13 + 4 = ____

(7) 9 + 2 = ____

(8) ____ + 9 = 15

(9) 15 + ____ = 17

(10) 16 - 2 = ____

(11) 19 - 8 = ____

(12) 11 - 4 = ____

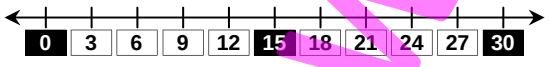
(13) 19 - ____ = 13

(14) ____ - 4 = 9

(15) 24 + 34 = _____ = ____

(16) 9 + 7 + 43 = _____ = ____

Skip counting in **3's** and **multiplying**.



(17) ____ x 3 = 15

(18) 3 x ____ = 6

(19) ____ x 3 = 21

(20) 3 x ____ = 9

(21) ____ x 3 = 24

(22) 3 x ____ = 3

(23) ____ x 3 = 12

(24) 3 x ____ = 18

(25) ____ x 3 = 27

(26) 3 x ____ = 30

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30 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count backwards in **10's**.

140, ____, ____, 110, ____, 90, 80,

____, 60, ____, 40, ____, ____, 10

(2) **Skip counting** in **3's**, **write** the number that comes **after** ...

27, _____ 12, _____ 21, _____

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

	Place value	means
82**3**	_____	_____

(4) In Room 7 there are 9 boys and 9 girls. How many children are

_____ + _____ = 10 + _____ = _____

Add and **subtract** these numbers.

(5) 14 + 2 = ____ (10) 17 - 3 = ____

(6) 11 + 8 = ____ (11) 19 - 7 = ____

(7) 7 + 4 = ____ (12) 11 - 5 = ____

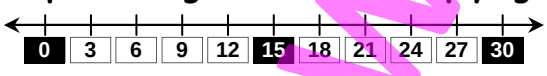
(8) ____ + 6 = 19 (13) 14 - ____ = 7

(9) 9 + ____ = 13 (14) ____ - 2 = 16

(15) 42 + 6 + 8 = _____ = _____

(16) 73 + 16 = _____ = _____

Skip counting in **3's** and **multiplying**.



(17) ____ x 3 = 3 (22) 3 x ____ = 15

(18) 3 x ____ = 12 (23) ____ x 3 = 6

(19) ____ x 3 = 18 (24) 3 x ____ = 21

(20) 3 x ____ = 27 (25) ____ x 3 = 9

(21) ____ x 3 = 30 (26) 3 x ____ = 24

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31 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count in **5's**.

5, _____, 15, _____, _____, _____, _____,

40, 45, _____, _____, 60, _____, _____, 75

(2) **Skip counting** in **2's**, **write** the number that comes **before** ...

_____ , 28 _____ , 16 _____ , 44

(3) **Write** these decimal numbers in order from **smallest** to **largest**.

2.01
35.3
9.84
46.6
5.09

_____ , _____ , _____ , _____ , _____

(4) **Write** these **number words** as **numerals**.

sixty-eight _____ ninety-seven _____

seventy-nine _____ eighty-six _____

four hundred and twenty-five _____

Add and **subtract** these numbers.

(5) 14 + 3 = _____ (10) 15 - 2 = _____

(6) 12 + 7 = _____ (11) 20 - 9 = _____

(7) 6 + 5 = _____ (12) 11 - 3 = _____

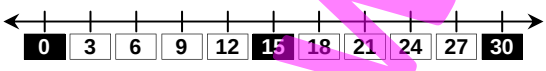
(8) _____ + 7 = 14 (13) 19 - _____ = 14

(9) 16 + _____ = 18 (14) _____ - 6 = 9

(15) 35 + 9 + 5 = _____ = _____

(16) 73 + 25 = _____ = _____

Multiplying and **dividing** by **3**.



(17) 3 x 5 = _____ (22) 3 ÷ 3 = _____

(18) 2 x 3 = _____ (23) 12 ÷ 3 = _____

(19) 3 x 7 = _____ (24) 18 ÷ 3 = _____

(20) _____ x 3 = 9 (25) 27 ÷ 3 = _____

(21) 3 x _____ = 24 (26) 30 ÷ 3 = _____

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(1) **Write** in the missing numbers as you skip count backwards in **3's**.

42, _____, 36, _____, 30, _____, _____,

21, _____, _____, 12, _____, _____, 3

(2) **Skip counting** in **10's**, **write** the number that is **between** ...

30 ___ 50, 70 ___ 90, 110 ___ 130

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

	Place value	means
9**4**6	_____	_____

(4) **Round** these numbers to the nearest **100's**.

576 = _____ 828 = _____

949 = _____ 354 = _____

Add and **subtract** these numbers.

(5) 13 + 2 = ____ (10) 16 - 3 = ____

(6) 11 + 9 = ____ (11) 17 - 4 = ____

(7) 8 + 3 = ____ (12) 11 - 2 = ____

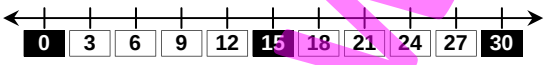
(8) ____ + 5 = 19 (13) 15 - ____ = 6

(9) 9 + ____ = 15 (14) ____ - 2 = 15

(15) 62 + 17 = _____ = ____

(16) 54 + 6 + 9 = _____ = ____

Multiplying and **dividing** by **3**.



(17) 1 x 3 = ____ (22) 15 ÷ 3 = ____

(18) 3 x 4 = ____ (23) 6 ÷ 3 = ____

(19) 6 x 3 = ____ (24) 21 ÷ 3 = ____

(20) 3 x ____ = 27 (25) 9 ÷ 3 = ____

(21) ____ x 3 = 30 (26) 24 ÷ 3 = ____

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(1) **Write** in the missing numbers as you skip count backwards in **2's**.

30, 28, _____, 24, _____, _____, 18, _____,

14, _____, _____, _____, _____, 4, _____

(2) **Skip counting** in **3's**, **write** the number that comes **after** ...

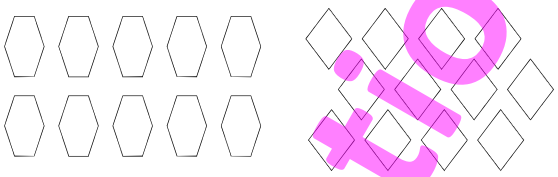
33, _____ 18, _____ 24, _____

(3) **Rename** these numbers into **100's**, **10's** and **1's**.

593 = ☐ 100's + ☐ 10's + ☐ 1's

607 = ☐ 100's + ☐ 10's + ☐ 1's

(4) **Colour** in $\frac{1}{2}$ of each group of shapes.



Add and **subtract** these numbers.

(5) 11 + 5 = _____ (10) 15 - 3 = _____

(6) 2 + 8 = _____ (11) 10 - 7 = _____

(7) 8 + 6 = _____ (12) 12 - 3 = _____

(8) _____ + 8 = 16 (13) 18 - _____ = 14

(9) 15 + _____ = 18 (14) _____ - 7 = 8

(15) 52 + 42 = _____ = _____

(16) 53 + 8 + 7 = _____ = _____

Multiplying and **dividing** by **2**, **10**, **5** and **3**.

(17) 2 x 8 = _____ (22) 60 ÷ 10 = _____

(18) 10 x 10 = _____ (23) 20 ÷ 5 = _____

(19) 5 x 1 = _____ (24) 21 ÷ 3 = _____

(20) _____ x 3 = 6 (25) 6 ÷ _____ = 2

(21) 2 x _____ = 10 (26) _____ ÷ 10 = 9

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(1) **Write** in the missing numbers as you skip count **10's**.

____, ____, 30, ____, 50, 60, ____, 80,

____, 100, ____, ____, 130, ____

(2) **Skip counting** in **2's**, **write** the number that comes **before** ...

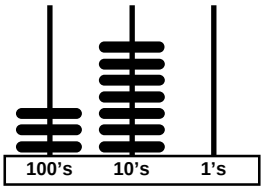
_____ , 16 _____ , 48 _____ , 30

(3) **Round** each number to the **nearest $10**, then work out an **estimated answer**.

$51 + $38 = _____ + _____ = _____

$87 - $63 = _____ - _____ = _____

(4) What number is shown on this abacus?



100's = _____

10's = _____

1's = _____

Number = _____

Add and **subtract** these numbers.

(5) 12 + 3 = ____ (10) 18 - 7 = ____

(6) 3 + 7 = ____ (11) 10 - 4 = ____

(7) 9 + 3 = ____ (12) 12 - 7 = ____

(8) ____ + 4 = 18 (13) 17 - ____ = 9

(9) 8 + ____ = 15 (14) ____ - 6 = 12

(15) 8 + 7 + 42 = _____ = ____

(16) 74 + 22 = _____ = ____

Multiplying and **dividing** by **2**, **10**, **5** and **3**.

(17) 6 x 10 = ____ (22) 16 ÷ 2 = ____

(18) 5 x 4 = ____ (23) 100 ÷ 10 = ____

(19) 7 x 3 = ____ (24) 5 ÷ 5 = ____

(20) ____ x 3 = 6 (25) 6 ÷ ____ = 3

(21) 9 x ____ = 90 (26) ____ ÷ 2 = 5

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(1) **Write** in the missing numbers as you skip count backwards in **5's**.

75, _____, 65, _____, _____, 50, _____, 40,

_____, 30, _____, _____, 15, _____, _____

(2) **Skip counting** in **10's**, **write** the number that is **between** ...

70 ___ 90, 20 ___ 40, 90 ___ 110

(3) **Work out** what number goes where the letters are, i.e. solve these equations.

e + 56 = 87 **e** = _____

f + 54 = 98 **f** = _____

(4) Harry has 3 cats, 4 mice and 7 goldfish as pets. How many pets does Harry have?

____ + ____ + ____ = 10 + ____ = ____

Add and **subtract** these numbers.

(5) 11 + 7 = ____ (10) 15 - 4 = ____

(6) 6 + 4 = ____ (11) 10 - 6 = ____

(7) 5 + 7 = ____ (12) 13 - 7 = ____

(8) ____ + 8 = 17 (13) 19 - ____ = 11

(9) 12 + ____ = 18 (14) ____ - 9 = 7

(15) 61 + 7 + 9 = _____ = ____

(16) 43 + 51 = _____ = ____

Multiplying and **dividing** by **2**, **10**, **5** and **3**.

(17) 5 x 8 = ____ (22) 18 ÷ 3 = ____

(18) 10 x 3 = ____ (23) 8 ÷ 2 = ____

(19) 2 x 1 = ____ (24) 70 ÷ 10 = ____

(20) ____ x 10 = 20 (25) 15 ÷ ____ = 3

(21) 5 x ____ = 25 (26) ____ ÷ 3 = 9

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36 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count in **3's**.

_____, 6, _____, _____, _____, 18, 21, _____,

27, _____, _____, 36, _____, 42, 45, _____

(2) **Skip counting** in **5's**, **write** the number that comes **after** ...

75, _____ 40, _____ 25, _____

(3) **Write** these decimal numbers in order from **largest** to **smallest**.

8.71
85.3
8.94
86.6
8.03

_____, _____, _____, _____, _____

(4) **Write** these **number words** as **numerals**.

twenty-six _____ thirty-five _____

fifty-three _____ sixty-two _____

seven hundred and four _____

Add and **subtract** these numbers.

(5) 11 + 4 = ____ (10) 16 - 5 = ____

(6) 4 + 6 = ____ (11) 10 - 8 = ____

(7) 6 + 7 = ____ (12) 14 - 6 = ____

(8) ____ + 8 = 19 (13) 16 - ____ = 8

(9) 7 + ____ = 16 (14) ____ - 3 = 15

(15) 18 + 51 = _____ = ____

(16) 6 + 8 + 34 = _____ = ____

Multiplying and **dividing** by **2**, **10**, **5** and **3**.

(17) 6 x 3 = ____ (22) 40 ÷ 5 = ____

(18) 2 x 4 = ____ (23) 30 ÷ 3 = ____

(19) 7 x 10 = ____ (24) 2 ÷ 2 = ____

(20) ____ x 3 = 15 (25) 20 ÷ ____ = 2

(21) 9 x ____ = 27 (26) ____ ÷ 5 = 5

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(1) **Write** in the missing numbers as you skip count in **2's**.

2, _____, _____, _____, _____, 12, _____, 16,

18, _____, _____, _____, _____, 28, _____

(2) **Skip counting** in **3's**, **write** the number that comes **before** ...

_____ , 15 _____ , 36 _____ , 21

(3) **Work out** what number goes where the letters are, i.e. solve these equations.

3 x **h** = 120 **h** = _____

j ÷ 4 = 9 **j** = _____

(4) **Round** these numbers to the nearest **100's**.

863 = _____ 637 = _____

783 = _____ 950 = _____

Add and **subtract** these numbers.

(5) 13 + 3 = ____ (10) 16 - 2 = ____

(6) 13 + 4 = ____ (11) 19 - 8 = ____

(7) 9 + 2 = ____ (12) 11 - 4 = ____

(8) ____ + 9 = 15 (13) 19 - ____ = 13

(9) 15 + ____ = 17 (14) ____ - 4 = 9

(15) 51 + 18 = _____ = ____

(16) 35 + 9 + 5 = _____ = ____

Multiplying and **dividing** by **2**, **10**, **5** and **3**.

(17) 2 x 2 = ____ (22) 30 ÷ 10 = ____

(18) 5 x 10 = ____ (23) 45 ÷ 5 = ____

(19) 5 x 8 = ____ (24) 18 ÷ 3 = ____

(20) ____ x 3 = 30 (25) 8 ÷ ____ = 4

(21) 2 x ____ = 2 (26) ____ ÷ 10 = 7

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(1) **Write** in the missing numbers as you skip count backwards **10's**.

150, ____ ,130, ____, ____, 100, ____, 80,

70, ____, 50, ____, 30, ____, ____

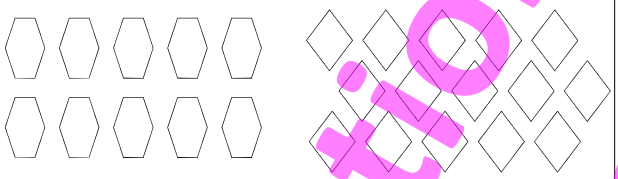
(2) **Skip counting** in **5's**, **write** the number that comes **after** ...

60, _____ 125, _____ 95, _____

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

	Place value	means
1**9**42	_____	_____

(4) **Colour** in $\frac{1}{5}$ of each group of shapes.



Add and **subtract** these numbers.

(5) 14 + 2 = ____ (10) 17 - 3 = ____

(6) 11 + 8 = ____ (11) 19 - 7 = ____

(7) 7 + 4 = ____ (12) 11 - 5 = ____

(8) ____ + 6 = 19 (13) 14 - ____ = 7

(9) 9 + ____ = 13 (14) ____ - 2 = 16

(15) 9 + 8 + 71 = _____ = ____

(16) 62 + 31 = _____ = ____

Multiplying and **dividing** by **2**, **10**, **5** and **3**.

(17) 3 x 10 = ____ (22) 4 ÷ 2 = ____

(18) 5 x 9 = ____ (23) 50 ÷ 10 = ____

(19) 6 x 3 = ____ (24) 40 ÷ 5 = ____

(20) ____ x 4 = 8 (25) 30 ÷ ____ = 10

(21) 7 x ____ = 70 (26) ____ ÷ 2 = 1

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(1) **Write** in the missing numbers as you skip count in **5's**.

_____, _____, 15, _____, _____, 30, _____,

40, _____, _____, 55, _____, 65, _____, 75

(2) **Skip counting** in **10's**, **write** the number that is **between** ...

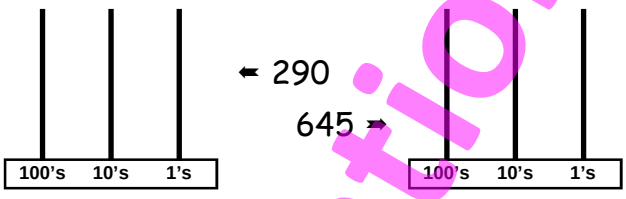
40 ___ 60, 120 ___ 140, 90 ___ 110

(3) **Rename** these numbers into **100's**, **10's** and **1's**.

607 = ___ 100's + ___ 10's + ___ 1's

493 = ___ 100's + ___ 10's + ___ 1's

(4) **Draw** these numbers on each abacus.



Add and **subtract** these numbers.

(5) 14 + 3 = ____ (10) 15 - 2 = ____

(6) 12 + 7 = ____ (11) 20 - 9 = ____

(7) 6 + 5 = ____ (12) 11 - 3 = ____

(8) ____ + 7 = 14 (13) 19 - ____ = 14

(9) 16 + ____ = 18 (14) ____ - 6 = 9

(15) 7 + 4 + 43 = _____ = ____

(16) 54 + 25 = _____ = ____

Multiplying and **dividing** by **2**, **10**, **5** and **3**.

(17) 5 x 2 = ____ (22) 9 ÷ 3 = ____

(18) 5 x 3 = ____ (23) 18 ÷ 2 = ____

(19) 2 x 8 = ____ (24) 60 ÷ 10 = ____

(20) ____ x 5 = 50 (25) 20 ÷ ____ = 4

(21) 10 x ____ = 10 (26) ____ ÷ 3 = 7

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40 Name: Term: Week: Worksheet: AWS

(1) **Write** in the missing numbers as you skip count backwards in **3's**.

42, _____, 36, _____, _____, 27, _____,

_____, 18, _____, _____, _____, 6, _____

(2) **Skip counting** in **2's**, **write** the number that comes **after** ...

60, _____ 28, _____ 96, _____

(3) **Round** each number to the **nearest $10**, then work out an **estimated answer**.

$42 x 5 = _____ x 5 = _____

$238 ÷ 3 = _____ ÷ 3 = _____

(4) Jackie has 2 dogs, 5 rabbits and 8 goldfish as pets. How many pets does Jackie have?

_____ + _____ + _____ = 10 + _____ = _____

Add and **subtract** these numbers.

(5) 13 + 2 = _____ (10) 16 - 3 = _____

(6) 11 + 9 = _____ (11) 17 - 4 = _____

(7) 8 + 3 = _____ (12) 11 - 2 = _____

(8) _____ + 5 = 19 (13) 15 - _____ = 6

(9) 9 + _____ = 15 (14) _____ - 2 = 15

(15) 52 + 9 + 8 = _____ = _____

(16) 83 + 14 = _____ = _____

Multiplying and **dividing** by **2**, **10**, **5** and **3**.

(17) 3 x 3 = _____ (22) 10 ÷ 5 = _____

(18) 2 x 9 = _____ (23) 15 ÷ 3 = _____

(19) 6 x 10 = _____ (24) 16 ÷ 2 = _____

(20) _____ x 4 = 20 (25) 50 ÷ _____ = 10

(21) 7 x _____ = 21 (26) _____ ÷ 10 = 1

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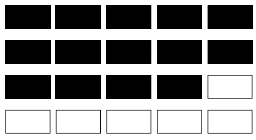
Number Knowledge Worksheet Answers

1

(1) 1, 2, **3**, 4, 5, **6**, 7, **8**, **9**, 10, **11**, 12, 13, **14**, 15, **16**, **17**, 18, 19, **20**, 21, 22, **23**, 24, 25

(2)
25	**26**
6	**7**
48	**49**

(3) 12, 20, (21), (35), (53)

(4) 

(5)	3	(10)	1
(6)	6	(11)	4
(7)	10	(12)	8
(8)	9	(13)	1
(9)	8	(14)	5

(15)	9
(16)	17

(17)	11
(18)	12
(19)	15
(20)	12

2

(1) 25, **24**, 23, 22, **21**, 20, **19**, **18**, 17, 16, **15**, 14, **13**, **12**, 11, 10, **9**, 8, **7**, 6, 5, **4**, 3, 2, 1

(2)
18	19
37	38
25	26

(3) 13, (30), 31, 45, (54)

(4) = 13

= 7

(5)	5	(10)	3
(6)	6	(11)	2
(7)	10	(12)	3
(8)	8	(13)	6
(9)	9	(14)	4

(15)	14
(16)	25

(17)	13
(18)	11
(19)	15
(20)	13

3

(1) 25, **26**, 27, **28**, 29, 30, **31**, 32, 33, **34**, **35**, 36, 37, **38**, **39**, 40, 41, **42**, **43**, 44, 45, 46, 47, **48**, 49, 50

(2)
17	**18**	19
36	**37**	38
24	**25**	26

(3) 14, 40, (41), 56, (65)

(4)
2	40
14	12
20	4

(5)	4	(10)	1
(6)	5	(11)	3
(7)	10	(12)	9
(8)	9	(13)	1
(9)	8	(14)	6

(15)	7
(16)	25

(17)	13
(18)	11
(19)	14
(20)	12

4

(1) **50**, 49, **48**, 47, 46, **45**, **44**, 43, 42, **41**, 40, 39, 38, **37**, **36**, 35, 34, **33**, 32, 31, 30, **29**, 28, **27**, 26, 25

(2)
31	**32**
50	**51**
73	**74**

(3) 15, (50), 51, 67, (76)

(4)
eight
fifteen
eighteen
twenty

(5)	4	(10)	2
(6)	6	(11)	1
(7)	10	(12)	4
(8)	9	(13)	8
(9)	8	(14)	3

(15)	21
(16)	15

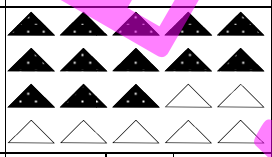
(17)	14
(18)	12
(19)	15
(20)	11

5

(1) 50, **51**, 52, 53, **54**, **55**, 56, 57, 58, **59**, **60**, 61, 62, **63**, 64, **65**, 66, **67**, 68, 69, **70**, 71, 72, **73**, 74, 75

(2)
44	45
63	64
86	87

(3) 16, (27), 60, (61), 72

(4) 

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(6)	7	(11)	5
(7)	10	(12)	2
(8)	9	(13)	6
(9)	8	(14)	4

(15)	25
(16)	9

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

6

(1) 75, **74**, 73, 72, **71**, 70, **69**, **68**, 67, 66, 65, **64**, 63, **62**, **61**, 60, **59**, 58, 57, **56**, 55, 54, 53, **52**, 51, 50

(2)
55	**56**	57
74	**75**	76
37	**38**	39

(3) 17, (70), 71, 89, (98)

(4) = 8

= 12

(5)	6	(10)	3
(6)	7	(11)	2
(7)	10	(12)	7
(8)	7	(13)	3
(9)	9	(14)	7

(15)	18
(16)	16

(17)	16
(18)	14
(19)	17
(20)	14

7

(1) 75, **76**, 77, **78**, 79, **80**, 81, 82, **83**, 84, 85, **86**, 87, 88, **89**, 90, **91**, **92**, 93, 94, **95**, 96, **97**, **98**, 99, 100

(2)
67	**68**
86	**87**
29	**30**

(3) 18, (29), 80, (81), 92

(4)
18	5
50	80
8	15

(5)	5	(10)	2
(6)	7	(11)	4
(7)	10	(12)	5
(8)	9	(13)	7
(9)	8	(14)	2

(15)	11
(16)	26

(17)	15
(18)	12
(19)	18
(20)	12

8

(1) 100, **99**, 98, 97, **96**, 95, **94**, **93**, 92, 91, **90**, 89, 88, **87**, 86, **85**, 84, 83, **82**, **81**, 80, **79**, 78, **77**, 76, 75

(2)
70	71
98	99
21	22

(3) 19, 25, (52), (90), 91

(4)
eight
thirteen
sixteen
nineteen

(5)	4	(10)	5
(6)	7	(11)	3
(7)	10	(12)	6
(8)	9	(13)	2
(9)	8	(14)	5

(15)	24
(16)	17

(17)	12
(18)	17
(19)	14
(20)	13

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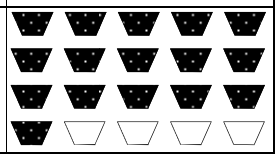
9

(1) 2, **4**, **6**, 8, **10**, 12, 14, **16**, 18, 20, **22**, **24**, 26, **28**, **30**, 32, 34, **36**

(2)

78	**80**	82
50	**52**	54
34	**36**	38

(3) 12, 20, (21), 46, 64

(4) 

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(6)	12	(11)	2
(7)	11	(12)	7
(8)	12	(13)	5
(9)	14	(14)	9

(15)	24
(16)	19

(17)	14
(18)	15
(19)	15
(20)	14

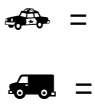
10

(1) 36, **34**, **32**, 30, **28**, 26, 24, **22**, 20, **18**, 16, **14**, **12**, 10, **8**, 6, 4, **2**

(2)

92	**94**
28	**30**
46	**48**

(3) 13, (30), 31, 57, 75

(4)  = 14

= 6

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(6)	10	(11)	7
(7)	11	(12)	5
(8)	12	(13)	9
(9)	13	(14)	7

(15)	26
(16)	26

(17)	17
(18)	15
(19)	16
(20)	18

11

(1) **2**, 4, 6, **8**, 10, **12**, **14**, 16, **18**, **20**, 22, **24**, 26, **28**, **30**, 32, 34, 36

(2)

6	8
34	36
52	54

(3) 14, 40, (41), 68, 86

(4)

90	13
3	9
19	30

(5)	15	(10)	11
(6)	10	(11)	1
(7)	11	(12)	8
(8)	12	(13)	4
(9)	14	(14)	9

(15)	18
(16)	24

(17)	10	(22)	2
(18)	4	(23)	8
(19)	14	(24)	12
(20)	6	(25)	18
(21)	16	(26)	20

12

(1) 36, 34, 32, **30**, 28, **26**, **24**, 22, 20, **18**, **16**, 14, 12, **10**, 8, **6**, **4**, 2

(2)

18	**20**	22
26	**28**	30
38	**40**	42

(3) 15, (50), 51, 79, 97

(4)

seven
eleven
twelve
seventeen

(5)	15	(10)	11
(6)	10	(11)	6
(7)	11	(12)	4
(8)	12	(13)	7
(9)	14	(14)	6

(15)	23
(16)	23

(17)	1	(22)	5
(18)	4	(23)	2
(19)	6	(24)	7
(20)	9	(25)	3
(21)	10	(26)	8

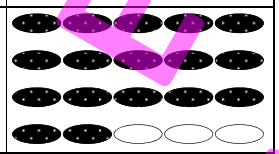
13

(1) 10, 20, **30**, 40, **50**, 60, 70, **80**, **90**, 100, **110**, 120, 130, **140**, 150, **160**, 170

(2)

40	**50**
100	**110**
70	**80**

(3) 16, 58, 60, (61), (85)

(4) 

(5)	15	(10)	12
(6)	17	(11)	14
(7)	11	(12)	8
(8)	13	(13)	6
(9)	17	(14)	9

(15)	23
(16)	19

(17)	50	(22)	10
(18)	20	(23)	40
(19)	70	(24)	60
(20)	30	(25)	90
(21)	80	(26)	100

14

(1) 170, 160, **150**, **140**, 130, **120**, 110, **100**, 90, **80**, 70, **60**, 50, **40**, 30, **20**, 10

(2)

20	30
110	120
70	80

(3) 17, 69, (70), 71, (96)

(4) = 5

= 15

(5)	16	(10)	13
(6)	19	(11)	15
(7)	12	(12)	3
(8)	13	(13)	7
(9)	15	(14)	9

(15)	27
(16)	25

(17)	10	(22)	50
(18)	40	(23)	20
(19)	60	(24)	70
(20)	90	(25)	30
(21)	100	(26)	80

15

(1) 10, 20, 30, **40**, 50, **60**, **70**, 80, **90**, **100**, 110, **120**, 130, **140**, **150**, 160, **170**

(2)

20	**30**	40
90	**100**	110
60	**70**	80

(3) 18, 36, (63), 80, (81)

(4)

60	3
13	6
16	30

(5)	16	(10)	12
(6)	18	(11)	11
(7)	12	(12)	6
(8)	13	(13)	8
(9)	18	(14)	7

(15)	18
(16)	24

(17)	5	(22)	1
(18)	2	(23)	4
(19)	7	(24)	6
(20)	3	(25)	9
(21)	8	(26)	10

16

(1) 200, **190**, 180, 170, **160**, 150, 140, **130**, 120, **110**, 100, **90**, **80**, 70, **60**, **50**

(2)

60	**70**	
120	**130**	
90	**100**	

(3) 19, (48), (84), (90), 91

(4)

twenty-nine
ninety-two
thirty-four
forty-three

(5)	17	(10)	13
(6)	18	(11)	15
(7)	12	(12)	9
(8)	13	(13)	5
(9)	16	(14)	8

(15)	23
(16)	27

(17)	1	(22)	5
(18)	4	(23)	2
(19)	6	(24)	7
(20)	9	(25)	3
(21)	10	(26)	8

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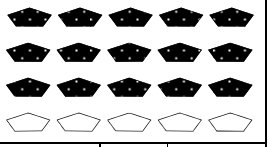
17

(1)	5, 10, **15**, 20, **25**, **30**, 35, **40**, **45**, 50, 55, **60**, **65**, 70, 75, **80**			
(2)	**10** 15 **60** 65 **85** 90			
(3)	12, 20, (21), (59), (95)			
(4)				
(5)	16	(10)	14	
(6)	17	(11)	11	
(7)	11	(12)	7	
(8)	15	(13)	13	
(9)	17	(14)	9	
(15)	24			
(16)	19			
(17)	25	(22)	5	
(18)	10	(23)	20	
(19)	35	(24)	30	
(20)	15	(25)	45	
(21)	40	(26)	50	

18

(1)	85, 80, **75**, **70**, 65, **60**, **55**, 50, **45**, **40**, 35, 30, **25**, **20**, 15, **10**, 5			
(2)	75 **80** 85 20 **25** 30 95 **100** 105			
(3)	13, (26), (30), 31, (62)			
(4)	= 19 = 1			
(5)	16	(10)	14	
(6)	19	(11)	12	
(7)	11	(12)	6	
(8)	19	(13)	7	
(9)	13	(14)	16	
(15)	26			
(16)	26			
(17)	5	(22)	25	
(18)	20	(23)	10	
(19)	30	(24)	35	
(20)	45	(25)	15	
(21)	50	(26)	40	

19

(1)	**5**, 10, 15, **20**, 25, **30**, **35**, 40, **45**, **50**, 55, 60, 65, **70**, **75**, 80			
(2)	20 **25** 85 **90** 70 **75**			
(3)	14, (37), 40, (41), (73)			
(4)	9 17 70 19 90 7			
(5)	17	(10)	13	
(6)	19	(11)	11	
(7)	11	(12)	8	
(8)	14	(13)	14	
(9)	18	(14)	9	
(15)	20			
(16)	26			
(17)	5	(22)	1	
(18)	2	(23)	4	
(19)	7	(24)	6	
(20)	3	(25)	9	
(21)	8	(26)	10	

20

(1)	80, 75, **70**, **65**, 60, 55, **50**, 45, **40**, **35**, 30, **25**, 20, **15**, 10, 5			
(2)	**25** 30 **80** 85 **60** 65			
(3)	13, (30), 31, (56), 65			
(4)	twenty-five fifty-two forty-six sixty-four			
(5)	15	(10)	13	
(6)	20	(11)	13	
(7)	11	(12)	9	
(8)	19	(13)	6	
(9)	15	(14)	15	
(15)	27			
(16)	27			
(17)	1	(22)	5	
(18)	4	(23)	2	
(19)	6	(24)	7	
(20)	9	(25)	3	
(21)	10	(26)	8	

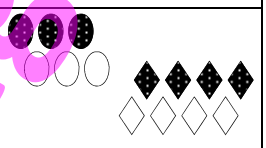
21

(1)	3, **6**, 9, **12**, **15**, 18, 21, **24**, 27, 30, **33**, 36, **39**, 42, **45**, 48			
(2)	12 **15** 33 **36** 21 **24**			
(3)	1.64, 3.0, 5.8, 38.1, 82.6			
(4)	92 45 54 29 172			
(5)	16	(10)	12	
(6)	10	(11)	3	
(7)	14	(12)	9	
(8)	16	(13)	14	
(9)	18	(14)	8	
(15)	37			
(16)	33			
(17)	10	(22)	1	
(18)	4	(23)	4	
(19)	14	(24)	6	
(20)	3	(25)	9	
(21)	8	(26)	10	

22

(1)	48, **45**, 42, **39**, **36**, 33, 30, **27**, 24, **21**, **18**, 15, 12, **9**, 6, **3**			
(2)	**21** 24 **12** 15 **27** 30			
(3)	4 100's + 6 10's + 2 1's 9 100's + 7 10's + 3 1's			
(4)	560 130 710 430			
(5)	15	(10)	11	
(6)	10	(11)	6	
(7)	12	(12)	5	
(8)	18	(13)	9	
(9)	15	(14)	12	
(15)	29			
(16)	67			
(17)	2	(22)	5	
(18)	8	(23)	2	
(19)	12	(24)	7	
(20)	9	(25)	3	
(21)	10	(26)	8	

23

(1)	3, 6, **9**, **12**, 15, **18**, 21, **24**, **27**, 30, **33**, 36, **39**, 42, **45**, 48			
(2)	9 **12** 15 30 **33** 36 21 **24** 27			
(3)	a = 4 b = 17			
(4)				
(5)	18	(10)	11	
(6)	10	(11)	4	
(7)	12	(12)	6	
(8)	17	(13)	11	
(9)	18	(14)	7	
(15)	58			
(16)	58			
(17)	50	(22)	1	
(18)	20	(23)	4	
(19)	70	(24)	6	
(20)	3	(25)	9	
(21)	8	(26)	10	

24

(1)	45, **42**, 39, **36**, 33, **30**, 27, **24**, **21**, **18**, 15, **12**, 9, **6**, **3**			
(2)	27 **30** 12 **15** 24 **27**			
(3)	$40 + $40 = $80 $80 - $50 = $30			
(4)	100's = 6 10's = 3 1's = 7 Number = 637			
(5)	15	(10)	11	
(6)	10	(11)	2	
(7)	13	(12)	8	
(8)	19	(13)	8	
(9)	16	(14)	15	
(15)	58			
(16)	49			
(17)	10	(22)	5	
(18)	40	(23)	2	
(19)	60	(24)	7	
(20)	9	(25)	3	
(21)	10	(26)	8	

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25

(1) 30, 28, **26**, 24, **22**, 20, **18**, 16, **14**, **12**, **10**, **8**, 6, **4**, 2

(2)	**20**	30
	80	90
	50	60

(3) Place value = 100's
Means 300

(4) **8** + **7** = 10 + **5** = **15**

(5)	16	(10)	14
(6)	17	(11)	11
(7)	11	(12)	7
(8)	15	(13)	13
(9)	17	(14)	9

(15) 74
(16) 36

(17)	25	(22)	1
(18)	10	(23)	4
(19)	35	(24)	6
(20)	3	(25)	9
(21)	8	(26)	10

26

(1) 10, **20**, **30**, 40, **50**, 60, 70, **80**, 90, **100**, 110, **120**, **130**, 140, **150**

(2)	55	**60**	65
	40	**45**	50
	85	**90**	95

(3) 68.1, 9.8, 8.4, 4.35, 3.73

(4) 43 18
81 34
750

(5)	16	(10)	14
(6)	19	(11)	12
(7)	11	(12)	6
(8)	19	(13)	7
(9)	13	(14)	16

(15) 39
(16) 86

(17)	5	(22)	5
(18)	20	(23)	2
(19)	30	(24)	7
(20)	9	(25)	3
(21)	10	(26)	8

27

(1) **70**, 65, **60**, 55, **50**, **45**, **40**, 35, **30**, **25**, 20, **15**, **10**, 5

(2)	24	**27**
	9	**12**
	18	**21**

(3) 8 100's + 0 10's + 6 1's
3 100's + 5 10's + 0 1's

(4) 670 940
540 640

(5)	17	(10)	13
(6)	19	(11)	11
(7)	11	(12)	8
(8)	7	(13)	5
(9)	2	(14)	15

(15) 49
(16) 57

(17)	15	(22)	3
(18)	6	(23)	12
(19)	21	(24)	18
(20)	9	(25)	27
(21)	24	(26)	30

28

(1) **3**, 6, **9**, **12**, 15, 18, **21**, **24**, 27, **30**, **33**, 36, **39**, 42, **45**, 48

(2)	**14**	16
	22	24
	30	32

(3) $60 x 3 = $180
$150 ÷ 5 = $30

(4) ½

(5)	15	(10)	13
(6)	20	(11)	13
(7)	11	(12)	9
(8)	14	(13)	9
(9)	6	(14)	17

(15) 86
(16) 47

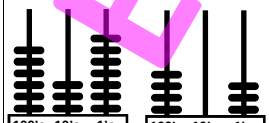
(17)	3	(22)	15
(18)	12	(23)	6
(19)	18	(24)	21
(20)	27	(25)	9
(21)	30	(26)	24

29

(1) 2, **4**, **6**, **8**, 10, **12**, **14**, 16, 18, **20**, **22**, **24**, 26, **28**, **30**

(2)	75	**80**	85
	20	**25**	30
	95	**100**	105

(3) c = 7
d = 42

(4) 

(5)	16	(10)	14
(6)	17	(11)	11
(7)	11	(12)	7
(8)	6	(13)	6
(9)	2	(14)	13

(15) 58
(16) 59

(17)	5	(22)	1
(18)	2	(23)	4
(19)	7	(24)	6
(20)	3	(25)	9
(21)	8	(26)	10

30

(1) 140, **130**, **120**, 110, **100**, 90, 80, **70**, 60, **50**, 40, **30**, **20**, 10

(2)	27	**30**	
	12	**15**	
	21	**24**	

(3) Place value = 1's
Means 3

(4) **9** + **9** = 10 + **8** = **18**

(5)	16	(10)	14
(6)	19	(11)	12
(7)	11	(12)	6
(8)	13	(13)	7
(9)	4	(14)	18

(15) 56
(16) 89

(17)	1	(22)	5
(18)	4	(23)	2
(19)	6	(24)	7
(20)	9	(25)	3
(21)	10	(26)	8

31

(1) 5, **10**, 15, **20**, **25**, **30**, **35**, 40, 45, **50**, **55**, 60, **65**, **70**, 75

(2)	**26**	28	
	14	16	
	42	44	

(3) 2.01, 5.09, 9.84, 35.3, 46.6

(4) 68 97
79 86
425

(5)	17	(10)	13
(6)	19	(11)	11
(7)	11	(12)	8
(8)	7	(13)	5
(9)	2	(14)	15

(15) 49
(16) 98

(17)	15	(22)	1
(18)	6	(23)	4
(19)	21	(24)	6
(20)	3	(25)	9
(21)	8	(26)	10

32

(1) 42, **39**, 36, **33**, 30, **27**, **24**, 21, **18**, **15**, 12, **9**, **6**, 3

(2)	30	**40**	50
	70	**80**	90
	110	**120**	130

(3) Place value = 10's
Means 40

(4) 600 800
900 400

(5)	15	(10)	13
(6)	20	(11)	13
(7)	11	(12)	9
(8)	14	(13)	9
(9)	6	(14)	17

(15) 79
(16) 69

(17)	3	(22)	5
(18)	12	(23)	2
(19)	18	(24)	7
(20)	9	(25)	3
(21)	10	(26)	8

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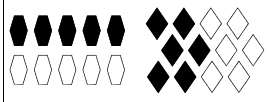
(1)	30, 28, **26**, 24, **22**, **20**, 18, **16**, 14, **12**, **10**, **8**, **6**, 4, **2**				
(2)	33	**36**			
	18	**21**			
	24	**27**			
(3)	5 100's + 9 10's + 3 1's 6 100's + 0 10's + 7 1's				
(4)					
(5)	16	(10)	12		
(6)	10	(11)	3		
(7)	14	(12)	9		
(8)	8	(13)	4		
(9)	3	(14)	15		
(15)	94				
(16)	68				
(17)	16	(22)	6		
(18)	100	(23)	4		
(19)	5	(24)	7		
(20)	2	(25)	3		
(21)	5	(26)	90		

34

(1)	**10**, **20**, 30, **40**, 50, 60, **70**, 80, **90**, 100, **110**, **120**, 130, **140**				
(2)	**14**	16			
	46	48			
	28	30			
(3)	$50 + $40 = $90 $90 - $60 = $30				
(4)	100's = 3 10's = 7 1's = 0 Number = 370				
(5)	15	(10)	11		
(6)	10	(11)	6		
(7)	12	(12)	5		
(8)	14	(13)	8		
(9)	7	(14)	18		
(15)	57				
(16)	96				
(17)	60	(22)	8		
(18)	20	(23)	10		
(19)	21	(24)	1		
(20)	2	(25)	2		
(21)	10	(26)	10		

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(1)	75, **70**, 65, **60**, **55**, 50, **45**, 40, **35**, 30, **25**, **20**, 15, **10**, **5**				
(2)	70	**80**	90		
	20	**30**	40		
	90	**100**	110		
(3)	e = 31 f = 44				
(4)	**3** + **4** + **7** = 10 + **4** = **14**				
(5)	18	(10)	11		
(6)	10	(11)	4		
(7)	12	(12)	6		
(8)	9	(13)	8		
(9)	6	(14)	16		
(15)	77				
(16)	94				
(17)	40	(22)	6		
(18)	30	(23)	4		
(19)	2	(24)	7		
(20)	2	(25)	5		
(21)	5	(26)	27		

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(1)	**3**, 6, **9**, **12**, **15**, 18, 21, **24**, 27, **30**, **33**, 36, **39**, 42, 45, **48**				
(2)	75	**80**			
	40	**45**			
	25	**30**			
(3)	86.6, 85.3, 8.94, 8.71, 8.03				
(4)	26	35			
	53	62			
	704				
(5)	15	(10)	11		
(6)	10	(11)	2		
(7)	13	(12)	8		
(8)	11	(13)	8		
(9)	9	(14)	18		
(15)	69				
(16)	48				
(17)	18	(22)	8		
(18)	8	(23)	10		
(19)	70	(24)	1		
(20)	5	(25)	10		
(21)	3	(26)	25		

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(1)	2, **4**, **6**, **8**, **10**, 12, **14**, 16, 18, **20**, **22**, **24**, **26**, 28, **30**				
(2)	**12**	15			
	33	36			
	18	21			
(3)	h = 40 j = 36				
(4)	900	600			
	800	1000			
(5)	16	(10)	14		
(6)	17	(11)	11		
(7)	11	(12)	7		
(8)	6	(13)	6		
(9)	2	(14)	13		
(15)	69				
(16)	49				
(17)	4	(22)	3		
(18)	50	(23)	9		
(19)	40	(24)	6		
(20)	10	(25)	2		
(21)	1	(26)	70		

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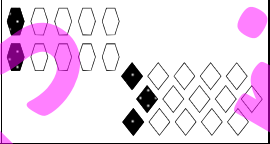
(1)	150, **140**, 130, **120**, **110**, 100, **90**, 80, 70, **60**, 50, **40**, 30, **20**, **10**				
(2)	60	**65**			
	125	**130**			
	95	**100**			
(3)	Place value = 100's Means 900				
(4)					
(5)	16	(10)	14		
(6)	19	(11)	12		
(7)	11	(12)	6		
(8)	13	(13)	7		
(9)	4	(14)	18		
(15)	88				
(16)	93				
(17)	30	(22)	2		
(18)	45	(23)	5		
(19)	18	(24)	8		
(20)	2	(25)	3		
(21)	10	(26)	2		

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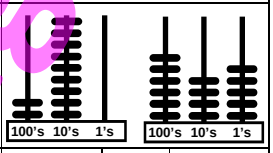
(1)	**5**, **10**, 15, **20**, **25**, 30, **35**, 40, **45**, **50**, 55, **60**, 65, **70**, 75				
(2)	40	**50**	60		
	120	**130**	140		
	90	**100**	110		
(3)	6 100's + 0 10's + 7 1's 4 100's + 9 10's + 3 1's				
(4)					
(5)	17	(10)	13		
(6)	19	(11)	11		
(7)	11	(12)	8		
(8)	7	(13)	5		
(9)	2	(14)	15		
(15)	54				
(16)	79				
(17)	10	(22)	3		
(18)	15	(23)	9		
(19)	16	(24)	6		
(20)	10	(25)	5		
(21)	1	(26)	21		

40

(1)	42, **39**, 36, **33**, **30**, 27, **24**, **21**, 18, **15**, **12**, **9**, 6, **3**				
(2)	60	**62**			
	28	**30**			
	96	**98**			
(3)	$40 x 5 = $200 $240 ÷ 3 = $80				
(4)	**2** + **5** + **8** = 10 + **5** = **15**				
(5)	15	(10)	13		
(6)	20	(11)	13		
(7)	11	(12)	9		
(8)	14	(13)	9		
(9)	6	(14)	17		
(15)	69				
(16)	97				
(17)	9	(22)	2		
(18)	18	(23)	5		
(19)	60	(24)	8		
(20)	5	(25)	5		
(21)	3	(26)	10		

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