

# Homework Diary

Answers: Year 8 - Book 1





Basic numeracy  
facts revision

$$229 + 561 = 790$$

$$317 + 548 = 865$$

$$448 + 234 = 682$$

$$883 - 139 = 744$$

$$870 - 558 = 312$$

$$792 - 313 = 479$$

$$1 \times 7 = 7$$

$$9 \times 3 = 27$$

$$4 \times 8 = 32$$

$$14 \div 7 = 2$$

$$54 \div 9 = 6$$

$$8 \div 8 = 1$$

1

Year 8 - Book 1

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

6.0, 2.6, 5.7, 2.3, 5.6, 1.7, 8.5, 6.1, 4.3

1.7, 2.3, 2.6, 4.3, 5.6, 5.7,  
6.0, 6.1, 8.5

5.6, 8.7, 4.1, 9.6, 4.2, 3.7, 6.5, 7.4, 6.4

3.7, 4.1, 4.2, 5.6, 6.4, 6.5,  
7.4, 8.7, 9.6

0.12, 0.19, 0.17, 0.11, 0.16, 0.15, 0.18

0.11, 0.12, 0.15, , 0.16, 0.17,  
0.18, 0.19



Basic numeracy  
facts revision

$$139 + 744 = \underline{883}$$

$$558 + 312 = \underline{870}$$

$$313 + 479 = \underline{792}$$

$$792 - 136 = \underline{656}$$

$$954 - 415 = \underline{539}$$

$$970 - 327 = \underline{643}$$

$$2 \times 7 = \underline{14}$$

$$9 \times 6 = \underline{54}$$

$$1 \times 8 = \underline{8}$$

$$21 \div 7 = \underline{3}$$

$$72 \div 9 = \underline{8}$$

$$72 \div 8 = \underline{9}$$

2

Year 8 - Book 1

**Write** each sentence using the correct punctuation (Capital letters and full stops).

chris and ben go to rutland street school

Chris and Ben go to Rutland Street School.

joe has two sisters called miri and rebecca

Joe has two sisters, called Miri and Rebecca.



Basic numeracy  
facts revision

$$136 + 656 = \underline{792}$$

$$415 + 539 = \underline{954}$$

$$327 + 643 = \underline{970}$$

$$670 - 216 = \underline{454}$$

$$766 - 429 = \underline{337}$$

$$884 - 658 = \underline{226}$$

$$3 \times 7 = \underline{21}$$

$$9 \times 8 = \underline{72}$$

$$9 \times 8 = \underline{72}$$

$$28 \div 7 = \underline{4}$$

$$9 \div 9 = \underline{1}$$

$$24 \div 8 = \underline{3}$$

**3**

**Year 8 - Book 1**

**What does it cost?**

How much would 5 C.D.'s at  
\$27.90 each cost?

**\$139.50** 



How much would 3  
kilograms of meat at \$7.90  
per kilogram cost?

**\$23.70**

If 8 exercise books cost  
\$9.28, what is the cost of  
one exercise book?

**\$1.16**



If 5 movie tickets cost  
\$57.50, what is the cost  
of one movie ticket?

**\$11.50**



Basic numeracy  
facts revision

$$216 + 454 = \underline{670}$$

$$429 + 337 = \underline{766}$$

$$658 + 226 = \underline{884}$$

$$783 - 566 = \underline{217}$$

$$960 - 635 = \underline{325}$$

$$667 - 549 = \underline{118}$$

$$4 \times 7 = \underline{28}$$

$$9 \times 1 = \underline{9}$$

$$3 \times 8 = \underline{24}$$

$$35 \div 7 = \underline{5}$$

$$36 \div 9 = \underline{4}$$

$$48 \div 8 = \underline{6}$$

4

Year 8 - Book 1

Write the words **similar** in meaning to ...

rapid fast

narrow thin

old ancient

connect join

empty vacant

courteous polite

pause hesitate

diverse assorted

thin  
hesitate  
ancient  
polite  
fast  
assorted  
vacant  
join



Basic numeracy  
facts revision

$$566 + 217 = \underline{783}$$

$$635 + 325 = \underline{960}$$

$$549 + 118 = \underline{667}$$

$$790 - 229 = \underline{561}$$

$$865 - 317 = \underline{548}$$

$$682 - 448 = \underline{234}$$

$$5 \times 7 = \underline{35}$$

$$9 \times 4 = \underline{36}$$

$$6 \times 8 = \underline{48}$$

$$7 \div 7 = \underline{1}$$

$$27 \div 9 = \underline{3}$$

$$32 \div 8 = \underline{4}$$

5

Year 8 - Book 1

Write these number words  
as 2, 3 or 4-digit numbers.



nine point four

9.4

forty-eight point five one

48.51



Write these 2, 3 or 4-digit  
numbers as number words.

5.07

five point zero seven

13.65

thirteen point six five



Basic numeracy  
facts revision

$$632 + 119 = \underline{751}$$

$$548 + 437 = \underline{985}$$

$$369 + 325 = \underline{694}$$

$$593 - 348 = \underline{245}$$

$$875 - 749 = \underline{126}$$

$$781 - 223 = \underline{558}$$

$$6 \times 7 = \underline{42}$$

$$9 \times 2 = \underline{18}$$

$$10 \times 8 = \underline{80}$$

$$49 \div 7 = \underline{7}$$

$$90 \div 9 = \underline{10}$$

$$16 \div 8 = \underline{2}$$

6

Year 8 - Book 1

**Positive, comparative and superlative** adjectives are used when describing or comparing objects. **Fill in the gaps.**

<i>positive</i>	<i>comparative</i>	<i>superlative</i>
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large	<b>larger</b>	<b>largest</b>
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<b>great</b>	greater	<b>greatest</b>
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<b>light</b>	<b>lighter</b>	lightest
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good	<b>better</b>	best
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Basic numeracy  
facts revision

$$348 + 245 = \underline{593}$$

$$749 + 126 = \underline{875}$$

$$223 + 558 = \underline{781}$$

$$571 - 454 = \underline{117}$$

$$594 - 256 = \underline{338}$$

$$982 - 217 = \underline{765}$$

$$7 \times 7 = \underline{49}$$

$$9 \times 10 = \underline{90}$$

$$2 \times 8 = \underline{16}$$

$$56 \div 7 = \underline{8}$$

$$27 \div 9 = \underline{3}$$

$$56 \div 8 = \underline{7}$$

**7** Year 8 - Book 1

Round these numbers to the nearest 10.

$$81 \quad \underline{80}$$

$$56 \quad \underline{60}$$

$$65 \quad \underline{70}$$

$$409 \quad \underline{410}$$

$$794 \quad \underline{790}$$

$$1432 \quad \underline{1430}$$

Round these numbers to the nearest 100.

$$476 \quad \underline{500}$$

$$249 \quad \underline{200}$$

$$837 \quad \underline{800}$$

$$1694 \quad \underline{1700}$$

$$3462 \quad \underline{3500}$$

$$4326 \quad \underline{4300}$$







Basic numeracy  
facts revision

$$454 + 117 = 571$$

$$256 + 338 = 594$$

$$217 + 765 = 982$$

$$994 - 757 = 237$$

$$651 - 125 = 526$$

$$996 - 878 = 118$$

$$8 \times 7 = 56$$

$$9 \times 3 = 27$$

$$7 \times 8 = 56$$

$$63 \div 7 = 9$$

$$81 \div 9 = 9$$

$$40 \div 8 = 5$$

8

Year 8 - Book 1

**Write** each sentence using the correct punctuation. (Capital letter, ?, ! " ", etc.)

would you like some juice asked mrs brown

**"Would you like some juice?"**

asked **Mrs Brown.**

what are you doing shouted mr jones

**"What are you doing?"** shouted

**Mr Jones.**



Basic numeracy  
facts revision

$$757 + 237 = 994$$

$$125 + 526 = 651$$

$$878 + 118 = 996$$

$$872 - 239 = 633$$

$$888 - 429 = 459$$

$$943 - 115 = 828$$

$$9 \times 7 = 63$$

$$9 \times 9 = 81$$

$$5 \times 8 = 40$$

$$70 \div 7 = 10$$

$$45 \div 9 = 5$$

$$64 \div 8 = 8$$

**9** Year 8 - Book 1

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



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





Basic numeracy  
facts revision

$$239 + 633 = \underline{872}$$

$$429 + 459 = \underline{888}$$

$$115 + 828 = \underline{943}$$

$$751 - 632 = \underline{119}$$

$$985 - 548 = \underline{437}$$

$$694 - 369 = \underline{325}$$

$$10 \times 7 = \underline{70}$$

$$9 \times 5 = \underline{45}$$

$$8 \times 8 = \underline{64}$$

$$42 \div 7 = \underline{6}$$

$$18 \div 9 = \underline{2}$$

$$80 \div 8 = \underline{10}$$

10

Year 8 - Book 1

Write the words **opposite** in meaning to ...

rapid slow

narrow wide

old new

polite rude

empty full

dirty clean

pause proceed

sweet sour

rude  
new  
proceed  
slow  
sour  
clean  
full  
wide



Basic numeracy  
facts revision

$$217 + 694 = \underline{911}$$

$$148 + 477 = \underline{625}$$

$$447 + 387 = \underline{834}$$

$$842 - 345 = \underline{497}$$

$$711 - 525 = \underline{186}$$

$$934 - 198 = \underline{736}$$

$$1 \times 7 = \underline{7}$$

$$9 \times 3 = \underline{27}$$

$$4 \times 8 = \underline{32}$$

$$14 \div 7 = \underline{2}$$

$$72 \div 9 = \underline{8}$$

$$8 \div 8 = \underline{1}$$

**11**

**Year 8 - Book 1**

**Multiplying and dividing by 10, 100 or 1000.**

$$2.38 \times 100 = \underline{238}$$

$$1.957 \times 10 = \underline{19.57}$$

$$0.461 \times 1000 = \underline{461}$$

$$15.46 \times 1000 = \underline{15460}$$

$$3.972 \times 100 = \underline{397.2}$$



$$3.769 \div 100 = \underline{0.03769}$$

$$57.84 \div 10 = \underline{5.784}$$

$$42.31 \div 10 = \underline{4.231}$$

$$86121 \div 1000 = \underline{86.121}$$

$$93.51 \div 100 = \underline{0.9351}$$





Basic numeracy  
facts revision

$$345 + 497 = \underline{842}$$

$$525 + 186 = \underline{711}$$

$$198 + 736 = \underline{934}$$

$$934 - 365 = \underline{569}$$

$$552 - 196 = \underline{356}$$

$$714 - 239 = \underline{475}$$

$$2 \times 7 = \underline{14}$$

$$9 \times 8 = \underline{72}$$

$$1 \times 8 = \underline{8}$$

$$21 \div 7 = \underline{3}$$

$$54 \div 9 = \underline{6}$$

$$24 \div 8 = \underline{3}$$

12

Year 8 - Book 1

Write the singular form of each word.

<i>plural</i>	<i>singular</i>	<i>plural</i>	<i>singular</i>
boxes	<u>box</u>	fish	<u>fish</u>
geese	<u>goose</u>	days	<u>day</u>
flies	<u>fly</u>	lives	<u>live / life</u>
echoes	<u>echo</u>	halves	<u>half</u>
dwarfs	<u>dwarf</u>	leaves	<u>leave</u>
pianos	<u>piano</u>	knives	<u>knife</u>
glasses	<u>glass</u>	sheep	<u>sheep</u>



Basic numeracy  
facts revision

$$365 + 569 = \underline{934}$$

$$196 + 356 = \underline{552}$$

$$239 + 475 = \underline{714}$$

$$711 - 475 = \underline{236}$$

$$672 - 277 = \underline{395}$$

$$855 - 568 = \underline{287}$$

$$3 \times 7 = \underline{21}$$

$$9 \times 6 = \underline{54}$$

$$3 \times 8 = \underline{24}$$

$$28 \div 7 = \underline{4}$$

$$9 \div 9 = \underline{1}$$

$$72 \div 8 = \underline{9}$$

**13**

**Year 8 - Book 1**

**Round** these numbers to the nearest 10, 100 or 1000, before working out an **estimated answer**.



	<i>Estimated numbers</i>	<i>Estimated answer</i>
986 + 4321	$\underline{1000} + \underline{4400}$	$= \underline{5400}$
6209 - 3894	$\underline{6200} - \underline{3900}$	$= \underline{2300}$
3759 × 103	$\underline{3800} \times \underline{100}$	$= \underline{380000}$
6109 ÷ 6	$\underline{6100} \div \underline{10}$	$= \underline{610}$



Basic numeracy  
facts revision

$$146 + 565 = 711$$

$$277 + 395 = 672$$

$$568 + 287 = 855$$

$$845 - 676 = 169$$

$$612 - 354 = 258$$

$$685 - 489 = 196$$

$$4 \times 7 = 28$$

$$9 \times 1 = 9$$

$$9 \times 8 = 72$$

$$35 \div 7 = 5$$

$$36 \div 9 = 4$$

$$48 \div 8 = 6$$

14

Year 8 - Book 1

Write the opposite gender for these words.

actor      actress

girl      boy

duke      duchess

lion      lioness

duck      drake

ram      ewe

prince      princess

colt      filly

lioness

drake

actress

ewe

princess

filly

boy

duchess



Basic numeracy  
facts revision

$$676 + 169 = \underline{845}$$

$$354 + 258 = \underline{612}$$

$$489 + 196 = \underline{685}$$

$$911 - 217 = \underline{694}$$

$$625 - 148 = \underline{477}$$

$$834 - 447 = \underline{387}$$

$$5 \times 7 = \underline{35}$$

$$9 \times 4 = \underline{36}$$

$$6 \times 8 = \underline{48}$$

$$7 \div 7 = \underline{1}$$

$$27 \div 9 = \underline{3}$$

$$32 \div 8 = \underline{4}$$

**15** Year 8 - Book 1

Finding a fraction of a quantity.

$$\frac{1}{3} \text{ of } 69 = \underline{23}$$

$$\frac{1}{4} \text{ of } 48 = \underline{12}$$

$$\frac{1}{5} \text{ of } 465 = \underline{93}$$

$$\frac{1}{9} \text{ of } 270 = \underline{30}$$



$$\frac{1}{5} \text{ of } 85 = \underline{17}$$

$$\frac{1}{9} \text{ of } 81 = \underline{9}$$

$$\frac{1}{3} \text{ of } 270 = \underline{90}$$

$$\frac{1}{4} \text{ of } 360 = \underline{90}$$







Basic numeracy  
facts revision

$$397 + 128 = \underline{525}$$

$$479 + 383 = \underline{862}$$

$$659 + 299 = \underline{958}$$

$$941 - 458 = \underline{483}$$

$$763 - 467 = \underline{296}$$

$$827 - 289 = \underline{538}$$

$$6 \times 7 = \underline{42}$$

$$9 \times 2 = \underline{18}$$

$$10 \times 8 = \underline{80}$$

$$49 \div 7 = \underline{7}$$

$$90 \div 9 = \underline{10}$$

$$16 \div 8 = \underline{2}$$

16

Year 8 - Book 1

Add 'dis', 'il', 'im', 'in', 'ir' or 'un' to each of these words to create their opposites.

im polite

il legal

ir regular

un wise

dis advantage

un lock

un kind

in correct

dis connect

un true

un known

in famous



Basic numeracy  
facts revision

$$458 + 483 = \underline{941}$$

$$467 + 296 = \underline{763}$$

$$289 + 538 = \underline{827}$$

$$723 - 576 = \underline{147}$$

$$953 - 588 = \underline{365}$$

$$836 - 159 = \underline{677}$$

$$7 \times 7 = \underline{49}$$

$$9 \times 10 = \underline{90}$$

$$2 \times 8 = \underline{16}$$

$$56 \div 7 = \underline{8}$$

$$27 \div 9 = \underline{3}$$

$$40 \div 8 = \underline{5}$$

17

Year 8 - Book 1

Calculate the change in temperatures.

Starting temperature  $6^{\circ}\text{C}$ , rises  $5^{\circ}\text{C}$ . 11 $^{\circ}\text{C}$

Starting temperature  $15^{\circ}\text{C}$ , drops  $11^{\circ}\text{C}$ . 4 $^{\circ}\text{C}$

Starting temperature  $8^{\circ}\text{C}$ , drops  $12^{\circ}\text{C}$ . -4 $^{\circ}\text{C}$

Starting temperature  $0^{\circ}\text{C}$ , rises  $8^{\circ}\text{C}$ . 8 $^{\circ}\text{C}$

Starting temperature  $-8^{\circ}\text{C}$ , rises  $8^{\circ}\text{C}$ . 0 $^{\circ}\text{C}$

Starting temperature  $3^{\circ}\text{C}$ , drops  $9^{\circ}\text{C}$ . -6 $^{\circ}\text{C}$

Starting temperature  $-3^{\circ}\text{C}$ , drops  $9^{\circ}\text{C}$ . -12 $^{\circ}\text{C}$



Basic numeracy  
facts revision

$$576 + 147 = 723$$

$$588 + 365 = 953$$

$$159 + 677 = 836$$

$$953 - 575 = 378$$

$$523 - 269 = 254$$

$$976 - 787 = 189$$

$$8 \times 7 = 56$$

$$9 \times 3 = 27$$

$$5 \times 8 = 40$$

$$63 \div 7 = 9$$

$$81 \div 9 = 9$$

$$64 \div 8 = 8$$

18

Year 8 - Book 1

Make 8 compound words from the two list.

board  
cup  
cloth  
man  
room  
stand  
time  
yard

blackboard

teacup

tablecloth

workroom

gentleman

grandstand

lifetime

backyard

back  
black  
gentle  
grand  
life  
tea  
table  
work



Basic numeracy  
facts revision

$$575 + 378 = \underline{953}$$

$$269 + 254 = \underline{523}$$

$$787 + 189 = \underline{976}$$

$$737 - 338 = \underline{399}$$

$$894 - 296 = \underline{598}$$

$$446 - 188 = \underline{258}$$

$$9 \times 7 = \underline{63}$$

$$9 \times 9 = \underline{81}$$

$$8 \times 8 = \underline{64}$$

$$70 \div 7 = \underline{10}$$

$$45 \div 9 = \underline{5}$$

$$56 \div 8 = \underline{7}$$

19

Year 8 - Book 1

Order of operations.

$$6 \times 6 + 49 = \underline{85}$$

$$63 \div 9 + 15 = \underline{22}$$

$$14 + 48 \div 8 = \underline{20}$$

$$63 - 9 \times 4 = \underline{27}$$

BEDMAS

$$49 \div 7 - 6 = \underline{1}$$

$$8 \times 8 - 37 = \underline{27}$$

$$45 + 9 \times 6 = \underline{99}$$

$$72 - 81 \div 9 = \underline{63}$$





Basic numeracy  
facts revision

$$338 + 399 = \underline{737}$$

$$296 + 598 = \underline{894}$$

$$188 + 258 = \underline{446}$$

$$525 - 397 = \underline{128}$$

$$862 - 479 = \underline{383}$$

$$958 - 659 = \underline{299}$$

$$10 \times 7 = \underline{70}$$

$$9 \times 5 = \underline{45}$$

$$7 \times 8 = \underline{56}$$

$$42 \div 7 = \underline{6}$$

$$18 \div 9 = \underline{2}$$

$$80 \div 8 = \underline{10}$$

20

Year 8 - Book 1

**Write** each sentence using the correct punctuation. (Capital letter, ?, ! " ", etc.)

oh cried shane i have hurt my leg

**"Oh!"** cried **Shane**, **"I** have hurt my leg!"

stop that shouted james what are you doing

**"Stop that!"** shouted **James**, **"What** are you doing?"