Lesson 2

X 3

X 6

Focus: Four a day

73467 + 78566 =

1.67 + 0.23 =

13/10/20

78254 - 56173 =

8.78 - 5.8 =

28 X 4 =

78 X 8 =

72 ÷ 8 =

143 ÷ 4 =

Revision

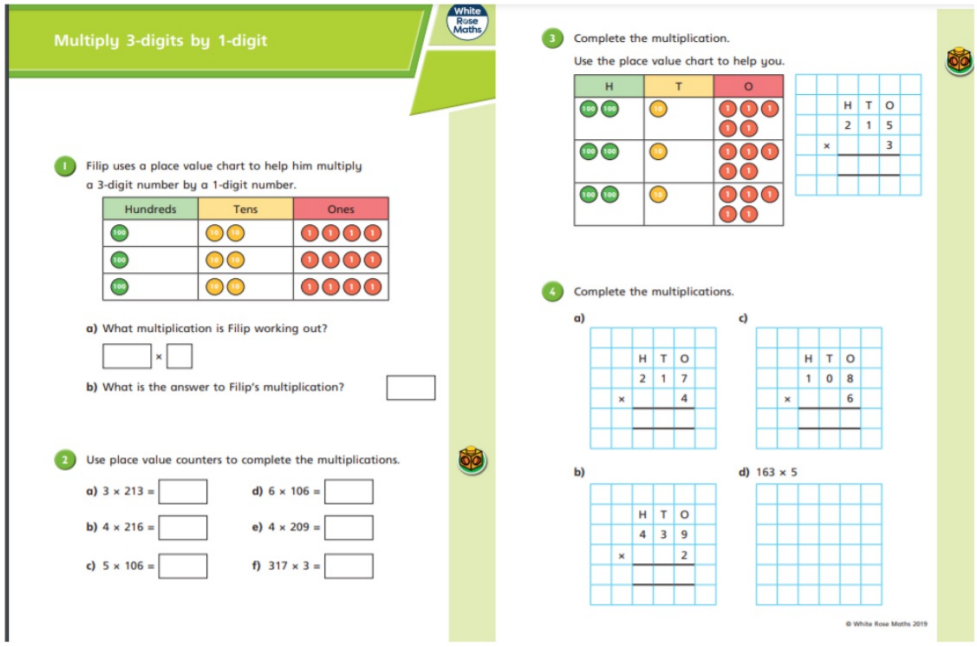
67 X 5 =

23 X 8 =

23 X 9 =

78 X 4 =

Focus: Multiplication 3 digits by 1 digit. 13/10/20



Multiply 3-digits by 1-digit

White Rose Maths

1 Filip uses a place value chart to help him multiply a 3-digit number by a 1-digit number.

Hundreds	Tens	Ones
100	10 10	1 1 1 1
100	10 10	1 1 1 1
100	10 10	1 1 1 1

a) What multiplication is Filip working out?

☐ × ☐

b) What is the answer to Filip's multiplication? ☐

2 Use place value counters to complete the multiplications.

a) 3 × 213 = ☐

b) 4 × 216 = ☐

c) 5 × 106 = ☐

d) 6 × 106 = ☐

e) 4 × 209 = ☐

f) 317 × 3 = ☐

3 Complete the multiplication.

Use the place value chart to help you.

H	T	O
100 100	10	1 1 1 1 1
100 100	10	1 1 1 1 1
100 100	10	1 1 1 1 1

	H	T	O
	2	1	5
×			3

4 Complete the multiplications.

a)

	H	T	O
	2	1	7
×			4

b)

	H	T	O
	4	3	9
×			2

c)

	H	T	O
	1	0	8
×			6

d) 163 × 5

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Lesson 3

X4

X8

Focus: Four a day

78912 + 71299 =

6.67 + 12.45 =

13/10/20

89234 - 18272 =

78.6 - 5.44 =

26 X 9 =

78 X 4 =

88 ÷ 11 =

98 ÷ 3 =

Focus: Multiplication

13/10/20

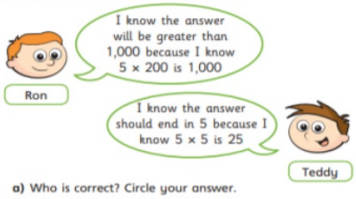
e) 3 × 240

f) 7 × 131

5 A lorry driver travels 156 km per day.

How many kilometres will the lorry driver have travelled after 3 days?

6 Ron and Teddy are working out 5 × 245



a) Who is correct? Circle your answer.

Ron Teddy both neither

b) Use a written method to work out 5 × 245

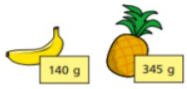
7 There are 7 year groups in a school.

There are 112 children in each year group.

How many children are there in the whole school?

8 A banana weighs 140 g

A pineapple weighs 345 g



Bag **A** contains 8 bananas and bag **B** contains 3 pineapples.

Which bag weighs more and by how much?

Show your working.

Bag ____ weighs ☐ g more than bag ____.

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Find the factors

15

32

60

100

Lesson 4

Focus: Four a day

14/10/20

67238 + 71223 =

78.8 + 23.7 =

89235 - 23292 =

89.8 - 34.09

25 X 6 =

78 X 7 =

144 ÷ 12 =

129 ÷ 3 =

Focus: Division

14/10/20

Divide 2-digits by 1-digit (2)

White Rose Maths

1 Whitney is working out 49 ÷ 4 using a place value chart.

Tens	Ones
10	1 1
10	1 1
10	1 1
10	1 1

1

a) Talk about Whitney's method with a partner.

b) Why is there one counter left over?

c) Complete the division.

49 ÷ 4 = ☐

d) Use place value counters to complete the divisions.

50 ÷ 4 = ☐ 51 ÷ 4 = ☐

What do you notice?

2 Complete the divisions.

a) 47 ÷ 3 = ☐ e) 49 ÷ 6 = ☐

b) 26 ÷ 5 = ☐ f) 47 ÷ 4 = ☐

c) 89 ÷ 4 = ☐ g) 74 ÷ 3 = ☐

d) 32 ÷ 5 = ☐ h) 81 ÷ 7 = ☐

3 Complete the divisions.

a) 36 ÷ 4 = ☐ c) 45 ÷ 3 = ☐

37 ÷ 4 = ☐ 46 ÷ 3 = ☐

38 ÷ 4 = ☐ 47 ÷ 3 = ☐

39 ÷ 4 = ☐ 48 ÷ 3 = ☐

40 ÷ 4 = ☐ 49 ÷ 3 = ☐

b) 70 ÷ 5 = ☐ d) 92 ÷ 4 = ☐

71 ÷ 5 = ☐ 91 ÷ 4 = ☐

72 ÷ 5 = ☐ 90 ÷ 4 = ☐

73 ÷ 5 = ☐ 89 ÷ 4 = ☐

74 ÷ 5 = ☐ 88 ÷ 4 = ☐

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Lesson 5

15/10/20

Focus: Four a day

15/10/20

7892 + 6323 =

78365 + 89004 =

8945 - 8437 =

29344 - 14193 =

34 X 9 =

78 X 4 =

99 ÷ 9 =

98 ÷ 4 =

4 Dora has been working out some divisions.

72 ÷ 4 = 18
73 ÷ 4 = 18 r1
74 ÷ 4 = 18 r2
75 ÷ 4 = 18 r3

I know without working it out that 76 ÷ 4 must be 18 r4

a) Why does Dora think this?

b) Explain why Dora is wrong.

5 Eggs come in boxes of 6

Annie has 75 eggs.

She wants to know how many boxes she can fill.

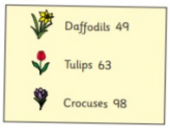
a) Complete the division to work it out.

☐ ÷ ☐ = ☐ r ☐

b) What does the remainder represent?
Talk about it with a partner.

c) Complete the sentence.
Annie can fill ☐ boxes with ☐ eggs left over.

6 Jack has these bulbs.



Equal numbers of each bulb are put into 4 tubs.
How many of each bulb will be in each tub?

Daffodils ☐ Tulips ☐ Crocuses ☐

How many of each bulb will be left over?

Daffodils ☐ Tulips ☐ Crocuses ☐

How many tubs could Jack use so that there are no bulbs left over?

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Doubles Bingo

5 numbers

10	12	14	16	18	20	22	24	26
28	30	32	34	36	38	40		

erations (addition and subtraction)

s to check this addition calculation.

320 + 719 = 1,039

subtractions that can be used to check Ron's addition.

1,039 – 719 **320 – 1,039**

719 – 320 **1,039 – 320**

ıts to check this subtraction calculation.

3 Use an inverse operation to check these calculations.

a)

$$\begin{array}{r} 1360 \\ +\ 2973 \\ \hline 4333 \end{array}$$

b)

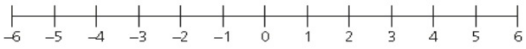
$$\begin{array}{r} 8264 \\ -\ 3142 \\ \hline 5122 \end{array}$$

4 Tommy works out 12,350 + 7,903 incorrectly.

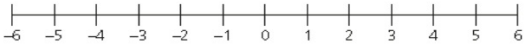
$$\begin{array}{r} 12350 \\ +\ 7903 \\ \hline 91380 \end{array}$$

3 Complete the sentences. Use the number lines to help you.

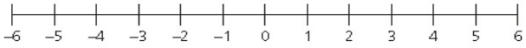
a) 5 more than –3 is ☐



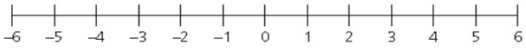
b) 4 less than 1 is ☐



c) 4 more than –4 is ☐



d) 3 less than –1 is ☐



4 A ship sits in the sea.
The base of the ship is 5 m below sea level.
The top of the ship is 11 m above sea level.

How tall is the ship? ☐

Maths pack 2
Negative numbers

Link with Liverpool

Bold Street

Rodney Street

Parr Street

Penny Lane ?

Jamaica Street

Morning Task

Wednesday 15th July 2020

Complete your handwriting sheet

Continuous Cursive Handwriting Practice

Practise your weekly spelling words using continuous cursive handwriting.

dangerous

poisonous

mountainous

joyous

synonymous

Quiet Reading

15/07/20

7812 + 8912 =

6815 + 6398 =

8945 - 5634 =

3786 - 2558 =

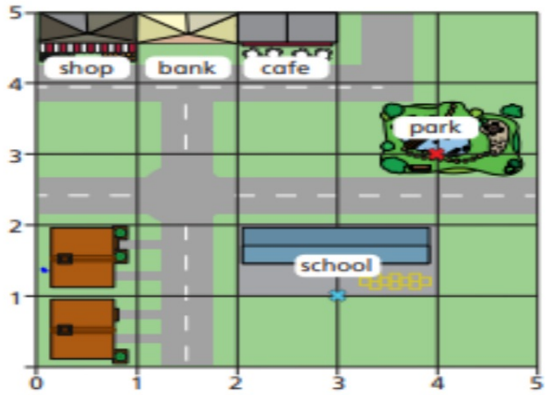
99 X 9 =

777 X 7 =

99 ÷ 3 =

788 ÷ 5 =

1 Here is a map of part of a town.



a) Which place is next to the shop? _____

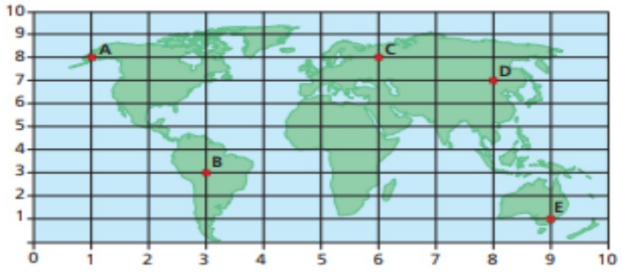
b) Which place is next to the bank and close to the park? _____

c) The front gates of the school have been marked with a cross.
Write the coordinates of the school gates. (,)

d) The slide in the park has been marked with a cross.
Write the coordinates of the slide. (,)

Compare answers with a partner.

Some locations are marked at points A to E.



a) Which point is at the bottom right of the grid?

_____

b) Which two points are to the left of point C on the map?

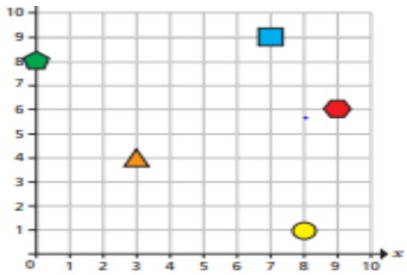
_____ and _____

c) Write the coordinates of each location.

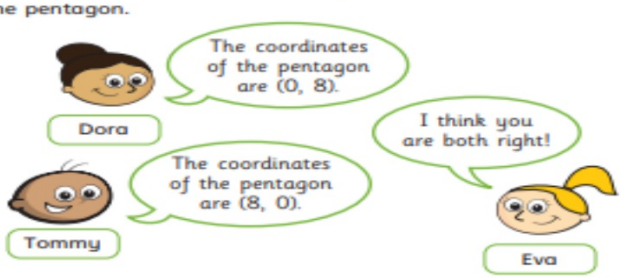
A (☐ , ☐) D (☐ , ☐)

B (☐ , ☐) E (☐ , ☐)

C (☐ , ☐)



a) Tommy, Dora and Eva are working out the coordinates of the pentagon.



Who is correct? _____

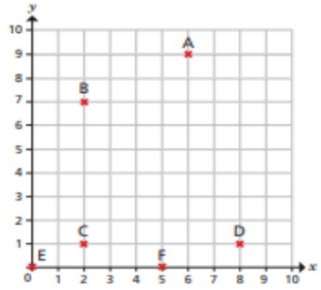
Talk about it with a partner.

b) Write the coordinates of the other shapes.

square (☐ , ☐) triangle (☐ , ☐)

circle (☐ , ☐) hexagon (☐ , ☐)

4 Six points are drawn on a grid.



a) Write the coordinates of each point.

A (☐ , ☐) C (☐ , ☐) E (☐ , ☐)

B (☐ , ☐) D (☐ , ☐) F (☐ , ☐)

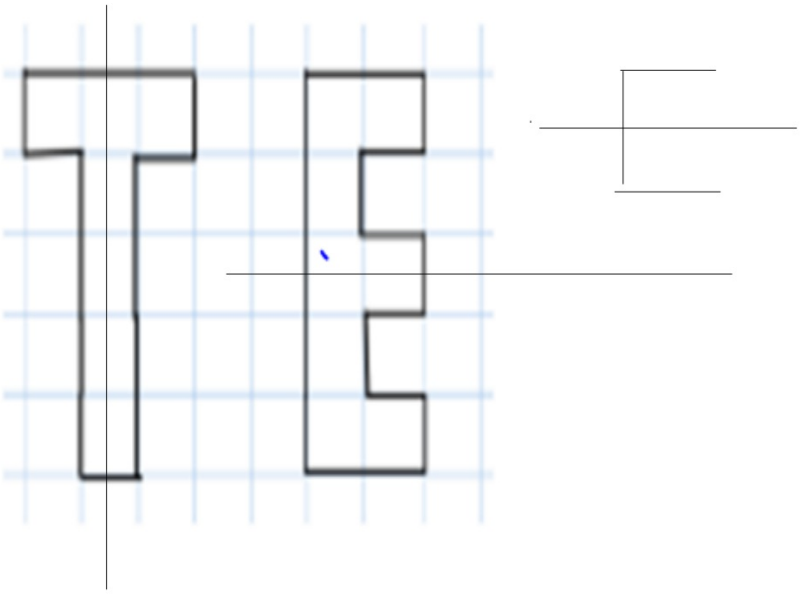
b) Teddy and Alex each choose a point.

Teddy: Our x coordinates are the same.

Alex: My y coordinate is greater than Teddy's.

What points have Alex and Teddy chosen?

Alex (☐ , ☐) Teddy (☐ , ☐)



Harriet Tubman

When Harriet was born;
Where she was a slave;
Where her mother and father were from;
What she did as a slave;
The fact slaves weren't paid at all for the work they did;
Living conditions;
Harriet's longing for freedom;
The incident where a slave escaped and Harriet was hit by the master with a rock;
How the blow to the head affected Harriet;
Harriet's escape and her perilous journey to Pennsylvania;
Her decision to return to her family. What would you have done?
Harriet's mission to free other slaves and the underground railroad, which helped slaves to escape.

‘Every great dream begins with a dreamer. Always remember, you have within you the strength, the patience, and the passion to reach for the stars to change the world.’ (Harriet Tubman)

Good morning Year 4

Morning Task

On your white board start writing your tables

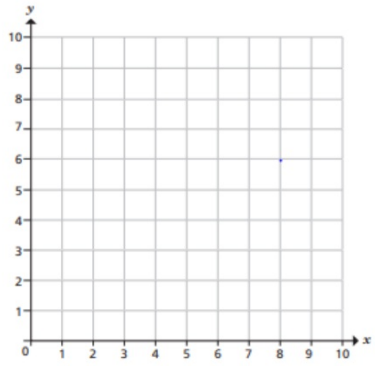
X2	X3	X7
X5	X6	X9
X10	X4	X11
	X8	X12

Draw on a grid

1 The cards show the coordinates of six points.

A (4, 4)	B (2, 3)	C (6, 4)
D (10, 8)	E (0, 5)	F (9, 0)

Plot and label the points on the grid.

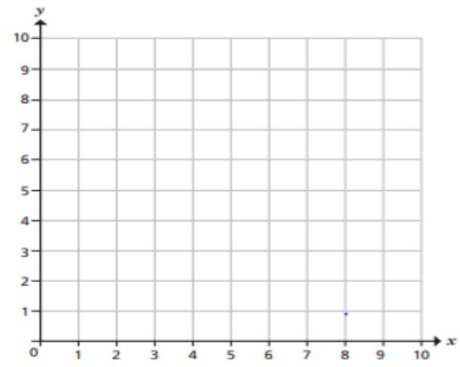


Compare answers with a partner.

2 Here are the coordinates of three points.

X (1, 3)	Y (2, 5)	Z (3, 7)

a) Plot and label the points on the grid.



b) Join up the points.

What do you notice?

c) Write the coordinates of two other points that fit this pattern.

(☐, ☐) and (☐, ☐)

Compare answers with a partner.

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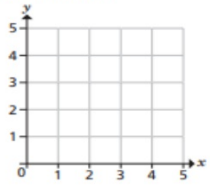
3 Here are the coordinates of the vertices of a rectangle.

(1, 1) (5, 1) (1, 3) (5, 3)

Draw the rectangle on the grid.



4 Two squares are drawn on a grid.

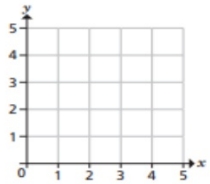
Here are the coordinates of the vertices of each square.

Square A (1, 1) (1, 3) (3, 3) (3, 1)

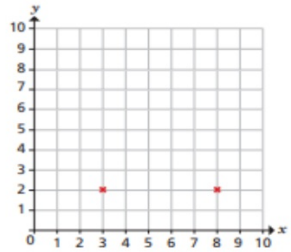
Square B (2, 2) (2, 4) (4, 4) (4, 2)

a) Do you think the squares will overlap? _____

b) Draw on the grid to check your answer.



5 Two vertices of a triangle are shown on the grid.



a) What are the coordinates of the two vertices shown?

(☐ , ☐) and (☐ , ☐)

b) Give a possible coordinate for the third vertex, if the triangle is right-angled.

(☐ , ☐)

c) Give a possible coordinate for the third vertex, if the triangle is isosceles.

(☐ , ☐)

Compare answers with a partner.

6 The coordinates of one vertex of a square are (10, 10).

Give possible coordinates for the other three vertices.

(☐ , ☐) (☐ , ☐) (☐ , ☐)

How many different answers can you find?

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Suffix -ous Word Chart

Complete this word chart for five of your suffix –ous spelling words. The first one is done for you.

Prefix	Root Word	Word class (noun, adjective, verb)	Root Word Definition	Suffix Word	Word class (noun, adjective, verb)	Suffix Word Definition
-ous	joy	noun	A feeling of happiness	joyous	adjective	Describes something that is full of joy or happiness.
-ous						
-ous						
-ous						
-ous						
-ous						

Tolerance

10/07/20

Good morning Y4

Word Challenge

How many words can you make from this word.

RELUCTANTLY

10/07/20

5613 + 9167 =

3415 + 4516 =

6714 - 5492 =

8156 - 5523 =

78 X 8 =

781 X 6 =

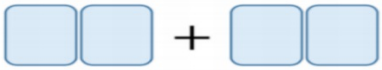
89 ÷ 6 =

714 ÷ 6 =

Challenge 3

Danni has these four digit cards.

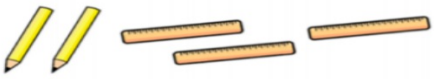
Danni uses all four cards to make two 2-digit numbers.
She then adds the two numbers together.



What is the greatest total she can make?

Challenge 4

Sonny buys 2 pencils and 3 rulers.



Each pencil costs 69p.
Sonny pays with a £5 note and receives £1.07 change.
How much does a ruler cost?

5.00
2.45

2.55

83p
3 | 2.55