

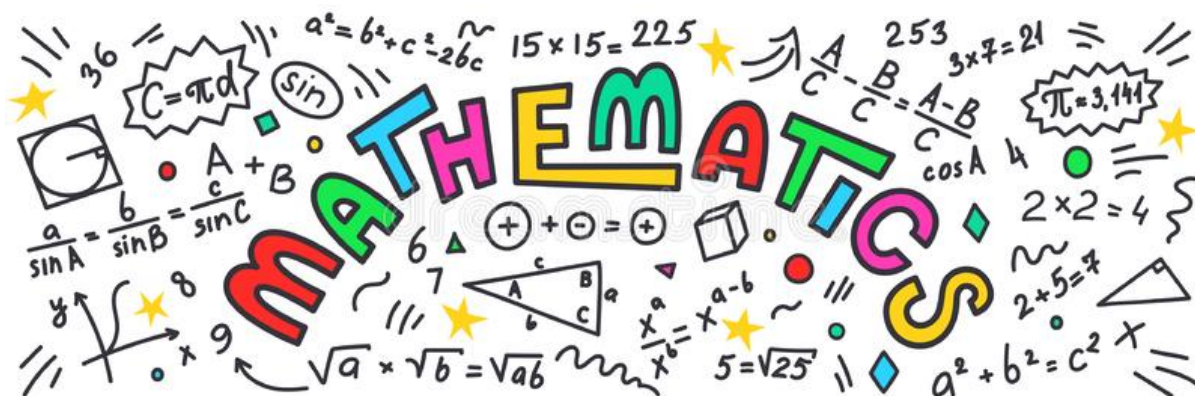
WEEK 3

Hello! Here are this week's maths activities. There is no need to print out the sheets - just write the answers in the yellow exercise book that went home in your distance learning pack.

If you have any questions, or when you have completed your work, email me at:

Beech@newvalleyprimary.com

You can send a photo of the answers in your distance learning book or add a document as an attachment.



You don't have to do every single question from every day's lesson. Get as far through the lesson as you can and try your best!



We are going to be using the White Rose home learning resources. This resource, which we also use in school, includes video tutorials which I think will be very helpful.

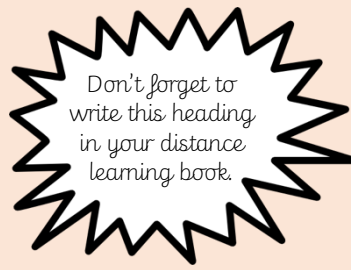
If you are finding the lessons too hard (or easy) or need a bit more explanation, don't forget you can email me.

To access the video tutorials, follow this link:

<https://whiterosemaths.com/homelearning/year-5/>

The screenshot shows the White Rose Maths website interface. At the top, there is a navigation bar with 'White Rose Maths' logo, 'Resources', 'Professional Development', 'Home Learning', 'Who We Are', and 'News'. A search icon and 'Premium Resources Centre' are also visible. Below the navigation bar, the page title is 'Home Learning - Year 5'. The main content area is titled 'Lesson 1 - Decimals up to 2 dp'. On the left, there is a video player showing a math problem: 'Ron is thinking of a number. My number has 3 digits. It is less than 5 but greater than 3, it has 6 hundredths. What number could Ron be thinking of?'. Below the video is a place value chart with columns for Ones, Tenths, and Hundredths. The Ones column has a question mark and '4', the Tenths column has '0 to 9', and the Hundredths column has '6'. A yellow arrow points to the video player with the text 'Video tutorial'. To the right of the video player, there are two buttons: 'Get the Activity' and 'Get the Answers'. A yellow arrow points to the 'Get the Activity' button with the text 'Copy of questions (might be easier to read)'. Below these buttons is a sidebar menu with 'Home Learning' at the top, followed by 'Home Learning - Year 2' through 'Home Learning - Year 8'. A yellow arrow points to the 'Home Learning - Year 5' option with the text 'Answers!'. At the bottom of the page, there is a link for 'Lesson 2 - Decimals as fractions (1)'.

Week 3 Maths Lesson 1



My learning journey:



Draw your learning journey
in your book

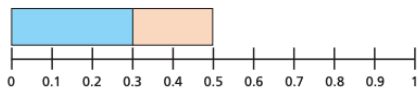


Watch the Lesson 1 video:
Adding decimals within 1

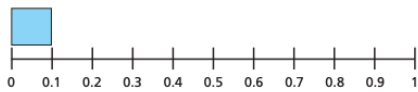
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- 1 Work out the additions.
Use the number lines to help you.

a) $0.3 + 0.2 = \square$



b) $0.1 + 0.4 = \square$



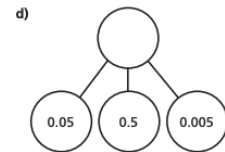
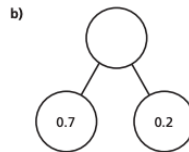
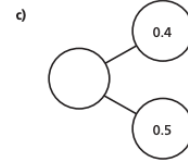
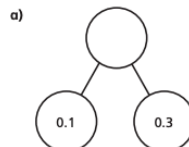
c) $0.2 + 0.1 + 0.2 = \square$



What do you notice about your answers?



- 2 Complete the part-whole models.



- 3 Complete the additions.
Use the place value charts to help you.

a) $0.42 + 0.3 = \square$

Ones	Tenths	Hundredths
	4 2	2 2
	3 0	
	7 2	

+

b) $0.28 + 0.32 = \square$

Ones	Tenths	Hundredths
	2 8	
	3 2	

+



c) $0.28 + 0.36 = \square$

Ones	Tenths	Hundredths
	2 8	
	3 6	

+



- 4 Use the column method to work out the additions.

a)
$$\begin{array}{r} 0.42 \\ + 0.3 \\ \hline \end{array}$$

d)
$$\begin{array}{r} 0.42 \\ + 0.033 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 0.04 \\ + 0.33 \\ \hline \end{array}$$

e)
$$\begin{array}{r} 0.436 \\ + 0.17 \\ \hline \end{array}$$

c)
$$\begin{array}{r} 0.402 \\ + 0.03 \\ \hline \end{array}$$

f)
$$\begin{array}{r} 0.751 \\ + 0.09 \\ \hline \end{array}$$

- 5 Jack has set up a column addition to work out $0.19 + 0.07$.
What mistake has Jack made?

$$\begin{array}{r} 0.19 \\ + 0.7 \\ \hline \end{array}$$

- 6 Work out 7 hundredths + 34 hundredths.
Give your answer as a decimal.

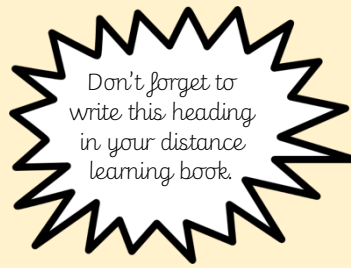
7 hundredths + 34 hundredths =

- 7 Eva drinks a quarter of a litre of water.
Mo drinks 0.3 litres of water.
Whitney drinks a tenth of a litre more water than Mo.
How much water do Eva, Mo and Whitney drink altogether?





Week 3 Maths Lesson 2



My learning journey:



Draw your learning journey in your book



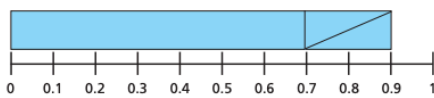
Watch the Lesson 2 video:
Subtracting decimals within 1



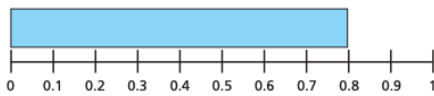
1 Work out the subtractions.

Use the number lines to help you.

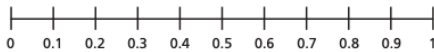
a) $0.9 - 0.2 = \square$



b) $0.8 - 0.1 = \square$



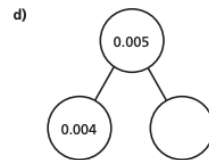
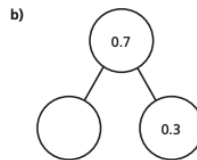
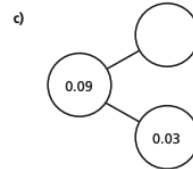
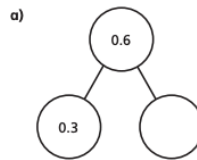
c) $1 - 0.2 - 0.1 = \square$



What do you notice about your answers?



2 Complete the part-whole models.



3 Complete the subtractions.

Use the place value charts to help you. The first one has been started for you.

a) $0.42 - 0.3 = \square$

Ones	Tenths	Hundredths
	0.1 (crossed out), 0.1 (crossed out)	0.01, 0.01

b) $0.28 - 0.05 = \square$

Ones	Tenths	Hundredths
	0.1, 0.1	0.01, 0.01, 0.01, 0.01, 0.01, 0.01



4 Use the column method to work out the subtractions.

a)
$$\begin{array}{r} 0.89 \\ - 0.4 \\ \hline \end{array}$$

c)
$$\begin{array}{r} 0.77 \\ - 0.68 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 0.77 \\ - 0.64 \\ \hline \end{array}$$

d)
$$\begin{array}{r} 0.7 \\ - 0.25 \\ \hline \end{array}$$

5



I can't work out $0.56 - 0.099$ because 99 is bigger than 56

Do you agree with Eva? _____

Work out the answer to $0.56 - 0.099$

6 Find the difference between 53 hundredths and 8 tenths.

Give your answer as a decimal.

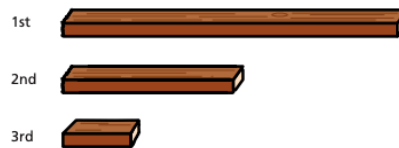
The difference between 53 hundredths and 8 tenths is

7 A piece of wood is 0.9 metres long.

It is cut into 3 unequal pieces.

The first piece is 0.2 metres longer than the second piece.

The third piece is 23 hundredths of a metre shorter than the second piece.



How long is each piece of wood?



Week 3 Maths Lesson 4

Don't forget to write this heading in your distance learning book.

My learning journey:



Draw your learning journey in your book

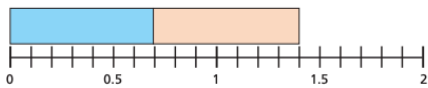


Watch the Lesson 4 video:
Adding decimals – crossing the whole

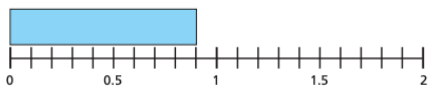
White Rose Maths

1 Work out the totals of these decimals.
Use the number lines to help you.

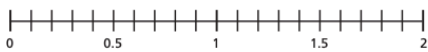
a) $0.7 + 0.7 =$



b) $0.9 + 0.45 =$

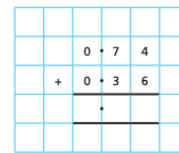
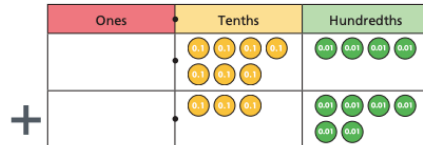


c) $0.6 + 0.8 + 0.15 =$

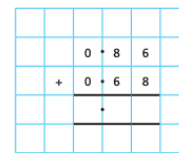
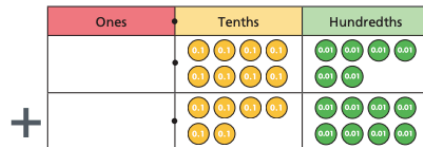


2 Complete the additions.

a) $0.74 + 0.36 =$

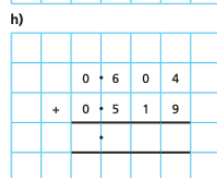
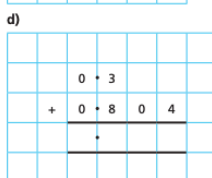
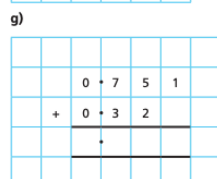
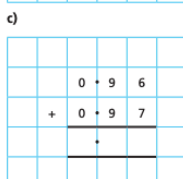
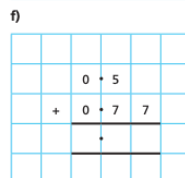
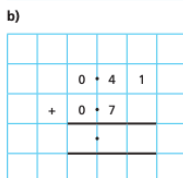
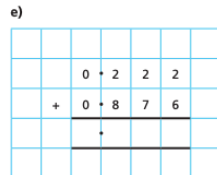
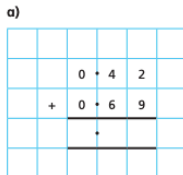


b) $0.86 + 0.68 =$



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3 Use the column method to work out the additions.

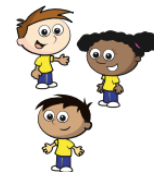


4 Teddy runs 0.32 km.

Amir runs half a kilometre.

Whitney runs 0.47 km.

a) How far do they run altogether?



km

b) Jack runs 7 tenths of a kilometre further than Whitney.
How far does Jack run?

km

5 Ron buys all these items plus a drink costing ninety-five pence.

How much does Ron spend in total?



Ron spends £ in total.

Week 3 Problem Solving

Don't forget to
write this heading
in your distance
learning book.

Want to grow your
brain some more?
Have a go at these...

- 1 Which of these numbers is closest to 10?

3

13

Which of these numbers is closest to 50?

75

28

- 2 What are the missing numbers?

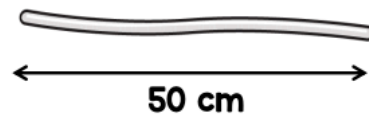
$$64 = 10 + \square$$

$$39 = 100 - \square$$

- 3 Annie has an 80 cm piece of wire.



She cuts the wire into two pieces.
The long piece is 50 cm long.



She cuts the smaller piece into 2
more pieces of equal size.

How long is one of these pieces?

Fancy something a little harder? Try these...



- 1 Which of these numbers round to 2,000 to the nearest 100?

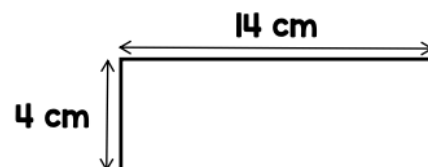
1,950 2,312 2,099 2,045

- 2 What are the missing numbers?

$$6.4 = 1 + \square$$

$$3\frac{2}{5} = 1 + \frac{\square}{5}$$

- 3 Annie has a 1 metre piece of wire.
She cuts the wire into two pieces.
She uses the smaller piece to make
this rectangle.



She uses the other piece of wire to
make a square.

What is the length of one side of
the square?