

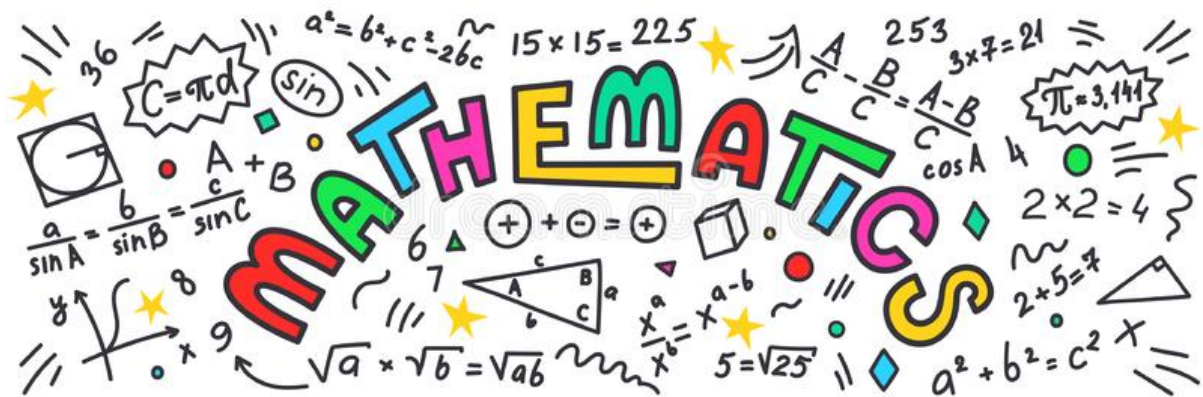
WEEK 7

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/>

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Home Learning - Year 5 Home / Home Learning / Home Learning - Year 5

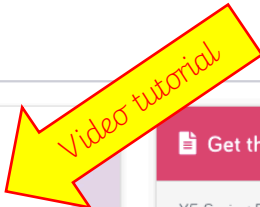
Lesson 1 - Decimals up to 2 dp

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?

Ones	Tenths	Hundredths
0 to 4	0 to 9	6



Get the Activity
Y5 Spring Block 3 WO1 Decimals up to 2 dp 2019

Get the Answers
Y5 Spring Block 3 ANS1 Decimals up to 2 dp 2019



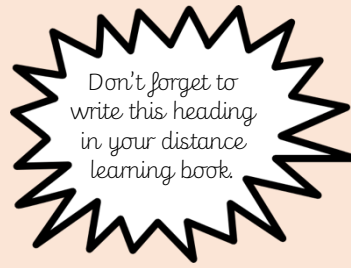
Home Learning

- Home Learning - Year 2
- Home Learning - Year 3
- Home Learning - Year 4
- Home Learning - Year 5
- Home Learning - Year 6
- Home Learning - Year 7
- Home Learning - Year 8



Lesson 2 - Decimals as fractions (1)

Week 7 Maths Lesson 1



My learning journey:



Draw your learning journey
in your book



Watch the Lesson 1 video:
Add and subtract fractions

Add and subtract fractions

1 Complete the calculations.
Use the bar models to help you.

a) $\frac{4}{5} + \frac{3}{5} = \square = \square$

b) $\frac{6}{5} + \frac{3}{5} = \square = \square$

c) $\frac{8}{5} - \frac{6}{5} = \square$

d) $\frac{9}{5} - \frac{3}{5} = \square = \square$

2 Complete the calculations.

a) $\frac{4}{7} + \frac{2}{7} = \square$

b) $\frac{4}{7} + \frac{3}{7} = \square = \square$

c) $\frac{4}{7} + \frac{4}{7} = \square = \square$

d) $\frac{8}{7} - \frac{3}{7} = \square$

e) $\frac{7}{9} + \frac{8}{9} = \square = \square$

f) $\frac{17}{9} - \frac{8}{9} = \square = \square$

g) $\frac{16}{9} - \frac{8}{9} = \square$

h) $\frac{7}{9} + \frac{2}{9} + \frac{8}{9} = \square = \square$

i) $\frac{7}{15} + \frac{2}{15} + \frac{8}{15} = \square = \square$

j) $\frac{7}{15} - \frac{2}{15} + \frac{8}{15} = \square$

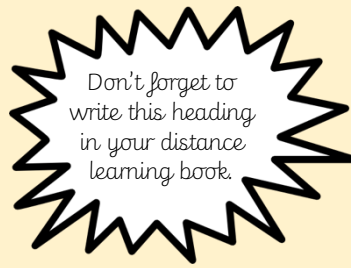
3 $\frac{\square}{8} + \frac{\square}{8} = \frac{13}{8}$

What could the missing numerators be?
Give six different possibilities.

$\frac{\square}{8} + \frac{\square}{8} = \frac{13}{8}$	$\frac{\square}{8} + \frac{\square}{8} = \frac{13}{8}$
$\frac{\square}{8} + \frac{\square}{8} = \frac{13}{8}$	$\frac{\square}{8} + \frac{\square}{8} = \frac{13}{8}$
$\frac{\square}{8} + \frac{\square}{8} = \frac{13}{8}$	$\frac{\square}{8} + \frac{\square}{8} = \frac{13}{8}$

Just write how many
should be shaded.

Week 7 Maths Lesson 2



My learning journey:



Draw your learning journey
in your book



Watch the Lesson 2 video:
Add fractions

Add fractions

Maths

1 Complete the calculations.
Use the bar models to help you.

a)
 $\frac{1}{2} + \frac{7}{10} = \square = \square$

b)
 $\frac{1}{2} + \frac{3}{10} + \frac{1}{5} = \square = \square$

c)
 $\frac{2}{3} + \frac{5}{6} + \frac{1}{12} = \square = \square$

2 Complete the additions.

a) $\frac{4}{5} + \frac{7}{20} = \square = \square$ d) $\frac{4}{3} + \frac{5}{12} = \square = \square$

b) $\frac{5}{4} + \frac{7}{20} = \square = \square$ e) $\frac{3}{5} + \frac{11}{15} = \square = \square$

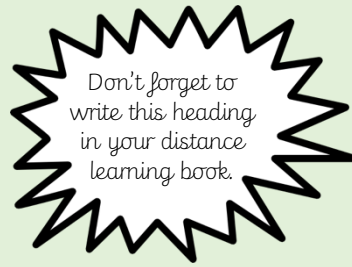
c) $\frac{3}{4} + \frac{5}{12} = \square = \square$ f) $\frac{5}{3} + \frac{11}{15} = \square = \square$

3 Match the additions that have the same answer.

$\frac{3}{5} + \frac{9}{20}$	$\frac{16}{20} + \frac{9}{20}$
$\frac{3}{4} + \frac{9}{20}$	$\frac{12}{20} + \frac{9}{20}$
$\frac{4}{5} + \frac{9}{20}$	$\frac{14}{20} + \frac{9}{20}$
$\frac{7}{10} + \frac{9}{20}$	$\frac{15}{20} + \frac{9}{20}$

Be resilient today! We will talk about this in our video call.

Week 7 Maths Lesson 3



My learning journey:



Draw your learning journey
in your book



Watch the Lesson 3 video:
Add mixed numbers

Add mixed numbers

1 Teddy and Mo are adding mixed numbers.

Teddy

$3\frac{1}{4} + 2\frac{5}{8} = 5 + \frac{7}{8} = 5\frac{7}{8}$

Mo

$3\frac{1}{4} + 2\frac{5}{8} = \frac{26}{8} + \frac{21}{8} = \frac{47}{8} = 5\frac{7}{8}$

Whose method do you prefer? _____
Talk about it with a partner.

2 Complete the calculations.

a) $1\frac{2}{5} + 2\frac{3}{10} = \square$ b) $2\frac{2}{5} + 2\frac{3}{10} = \square$

c) $1\frac{3}{4} + 3\frac{3}{20} = \square$

d) $1\frac{3}{16} + 4\frac{3}{4} = \square$

e) $4\frac{1}{4} + 2\frac{11}{16} = \square$

f) $1\frac{4}{15} + 3\frac{2}{3} = \square$

3

Ron

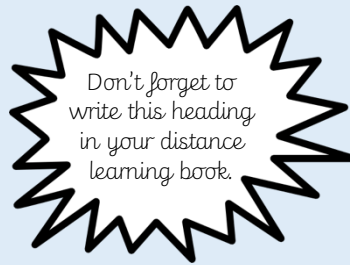
$2\frac{3}{5} + 1\frac{7}{10} = 3 + \frac{13}{10} = 3\frac{13}{10}$

How can Ron improve his answer?

4 Complete the additions.

a) $2\frac{3}{4} + 3\frac{5}{12} = \square$ b) $3\frac{2}{3} + 2\frac{7}{12} = \square$

Week 7 Maths Lesson 4



My learning journey:



Draw your learning journey in your book



Watch the Lesson 4 video:
Subtract mixed numbers

Subtract mixed numbers



1 Complete the subtractions.

Use the bar models to help you.

a)

$$\frac{15}{8} - \frac{1}{2} = \square$$

b)

$$1\frac{7}{8} - \frac{3}{4} = \square$$

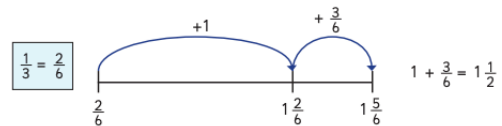
c)

$$1\frac{1}{2} - \frac{3}{8} = \square$$

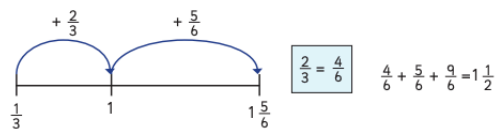


2 Dexter and Whitney are using number lines to work out $1\frac{5}{6} - \frac{1}{3}$

Dexter's method

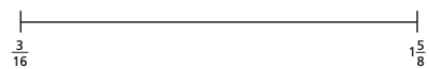


Whitney's method



What is the same and what is different about these methods?

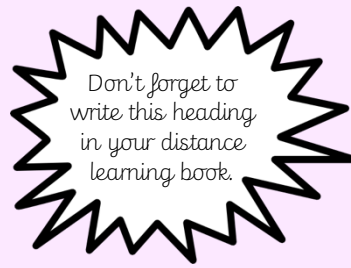
Use one of the methods to work out $1\frac{5}{8} - \frac{3}{16}$



$$1\frac{5}{8} - \frac{3}{16} = \square$$

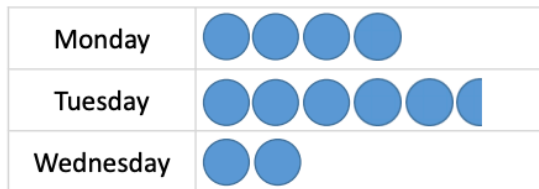


Week 7 Problem Solving



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

1 The pictogram shows the number of children who walk to school each day.

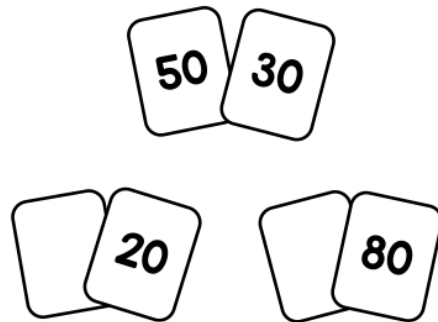


= 2 children

There are 20 children in the class.

How many children did not walk to school on Tuesday?

2 These pairs of numbers all have the same total.

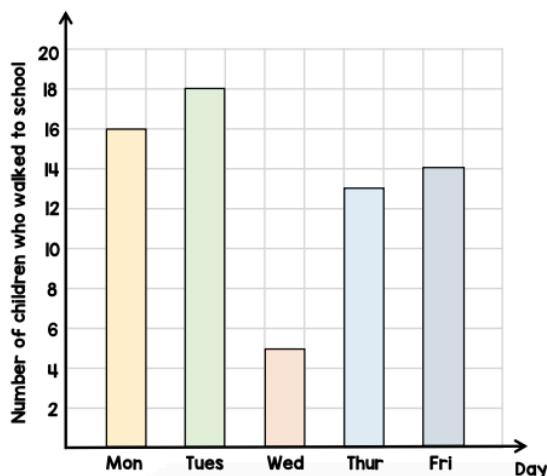


Work out the missing numbers?

Fancy something a little harder? Try these...



1 There are 25 children in a class. The bar chart shows the number of children in the class who walk to school each day.



(a) What percentage of the class walked to school on Thursday?

(b) One of the days it rained. Which day do you think it was? Explain to your friend.

2 Order the following numbers. Start with the smallest.

