

Maths Tasks:

White Rose Year 4 Summer Term Week 7 and 8 w/c/ 8th and 15th June

On these White Rose Lessons you will watch a little video which clearly explains the processes covered in this week's fractions and decimals work; Recapping tenths, hundredth and dividing by 10 and 100 (w/c/ 8th June lessons if needed) and decimals (w/c/ 15th June lessons).

Just do what you feel is needed, some of these activities and lessons can always be carried over till next week so don't try and get them all done if you are struggling with any of this.

White Rose Worksheets found on our class webpage as sheets not available on line

<https://whiterosemaths.com/homelearning/year-4/>

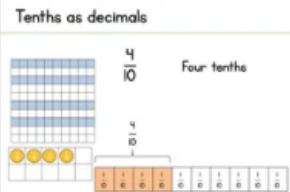
Home Learning – Year 4

Home / Home Learning / Home Learning – Year 4

Summer Term – Week 7 (w/c 8th June)

Lesson 1 - Tenths as decimals

Tenths as decimals



Four tenths

15:06

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⌵

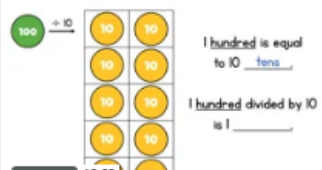
Looking for the worksheets? Contact your child's school to check if they have a subscription to our worksheets. Alternatively, [read more here](#) or get some extra practice from [BBC Bitesize](#).

Already covered this content?

Click here to find an alternative plan.

Lesson 2 - Divide 1-digit by 10

Dividing 1 digit by 10



I hundred is equal to 10 tens.

I hundred divided by 10 is 1 _____.

13:23

▶

⚙

⌵

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Home Learning

Easter Fun

Summer Term

Home Learning – Early Years

Home Learning – Year 1

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

Home Learning – Year 9

Home Learning – Year 10

Try some of the lessons for this week and see how you get on

BBC Bitesize Daily Lessons Year 4 Maths w/c/ 8th June and 15th June

Lessons covering the same learning objectives based on Fractions can be found on BBC Bitesize Daily Lessons:

<https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-and-p5-lessons/1>

This week, if possible, I would like you to look across 2 weeks. The first weeks lessons, those made for w/c/ **8th June**, focus on tenths, hundredths and dividing by 10 and 100 - we have already covered some of these this year so if you feel confident you do not need to do this again. On the other hand, you may just want to do the activities and videos online as a but if a refresher before moving on!

Please then follow activities for w/c/ **15th June** (decimals) so now we have caught up with ourselves and can do the activities planned for the week!

On this website, they normally have video explaining the processes, online activities and links to twinkl for more sheets to help you with consolidating the knowledge

Year 4/ P5 online lessons
Monday 8 June- Friday 12 June



Bitesize
Daily Lessons

Monday	Tuesday	Wednesday	Thursday	Friday
Maths Tenths	Maths Divide one and two digit numbers by 10	Maths Hundredths	Maths Divide one and two digit number by 100	Maths Maths in football

Year 4/ P5 online lessons
Monday 15 June- Friday 19 June



Bitesize
Daily Lessons

Monday	Tuesday	Wednesday	Thursday	Friday
Maths Writing decimals	Maths Compare two decimals	Maths Order decimals	Maths Rounding decimals to nearest whole number	Maths Challenge of the week

Extra Tasks and Challenges

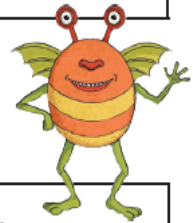
Task 1:

Number Monster (Divide by 10)

The number monster is confused. Help him to complete the task by writing the value of the digit that has been shaded in each number below. The first has been done for you.

3. <u>6</u>	45.85	136.7	84.32
6 tenths			
46.48	284.39	6.08	12.98

Well done! Now help the number monster to complete the following calculations. Use the place value chart to help you.



Tens	Ones	Tenths

1. $8 \div 10 =$

2. $5 \div 10 =$

3. $37 \div 10 =$

4. $62 \div 10 =$

5. $16 \div 10 =$

6. $89 \div 10 =$

7. $40 \div 10 =$

8. $92 \div 10 =$

What happens to the digits when you divide by 10?

When dividing a number by 10, all the digits move one place to the right.
For example, $32 \div 10 = 3.2$

Tens	Ones	Tenths
3	2	
	3	2



1. $8 \div 10 =$

Tens	Ones	Tenths

2. $87 \div 10 =$

Tens	Ones	Tenths

When dividing a number by 100, all the digits move two places to the right.
For example, $47 \div 100 = 0.47$

Tens	Ones	Tenths	Hundredths
4	7		
	0	4	7



Remember to put a zero in the ones' column if you don't have any ones. Use the place value chart in each question to help you to divide the following numbers by 100.

1. $66 \div 100 =$

Tens	Ones	Tenths	Hundredths

2. $29 \div 100 =$

Tens	Ones	Tenths	Hundredths

1. $7 \div 100 =$

2. $6 \div 100 =$

3. $16 \div 100 =$

4. $72 \div 100 =$

Task 2:

Fractions and Decimals

Number Sequences

Complete the number sequence by adding the missing fractions:

1.

$\frac{2}{10}$	$\frac{3}{10}$		$\frac{5}{10}$		$\frac{7}{10}$
----------------	----------------	--	----------------	--	----------------

2.

	$\frac{29}{100}$	$\frac{30}{100}$			
--	------------------	------------------	--	--	--

3.

	$\frac{71}{100}$			$\frac{68}{100}$	
--	------------------	--	--	------------------	--

4.

$1\frac{3}{10}$			1	$\frac{9}{10}$	
-----------------	--	--	---	----------------	--

Complete the following decimal number sequences by filling in the blanks:

5.

0.5	0.6	0.7					
-----	-----	-----	--	--	--	--	--

6.

0.38	0.39	0.4					
------	------	-----	--	--	--	--	--

7.

0.85	0.84	0.83					
------	------	------	--	--	--	--	--

8.

0.9	0.8	0.7					
-----	-----	-----	--	--	--	--	--

Draw a line to match each fraction with its decimal equivalent:

$1\frac{36}{100}$

$\frac{84}{100}$

$\frac{4}{10}$

$\frac{80}{100}$

$\frac{8}{100}$

0.08

0.4

1.36

0.84

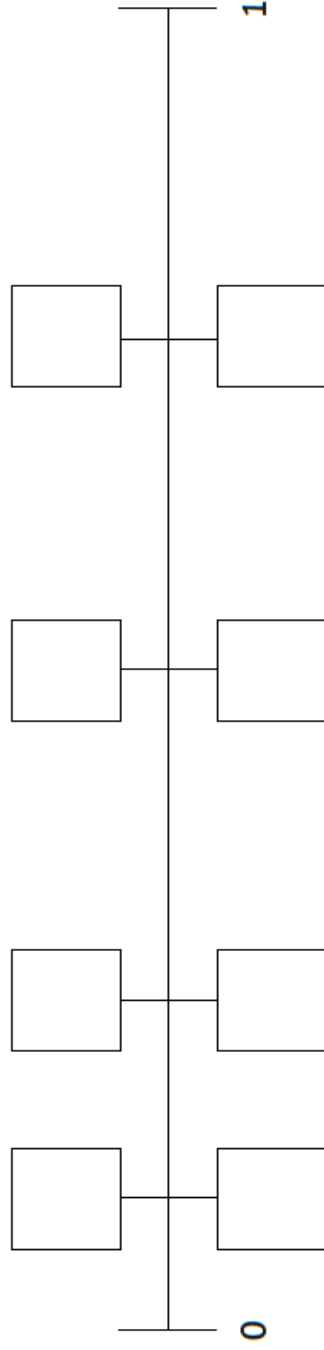
0.8

Task 3:



Decimal Equivalents for Halves and Quarters

Cut out the fraction and decimal number cards and stick them in the correct places on the number line.
Can you add any other fractions or decimal numbers to your number line?



0.5	$\frac{3}{4}$	$\frac{1}{10}$	0.75	$\frac{1}{4}$	0.25	0.1	$\frac{1}{2}$
-----	---------------	----------------	------	---------------	------	-----	---------------

Task 4:

Decimal and Fraction Matching Cards

$$\frac{1}{10}$$

$$\frac{3}{10}$$

$$\frac{5}{10}$$

$$\frac{4}{10}$$

$$\frac{7}{10}$$

$$\frac{10}{100}$$

$$\frac{30}{100}$$

$$\frac{50}{100}$$

$$\frac{40}{100}$$

$$\frac{70}{100}$$

0.1

0.3

0.5

0.4

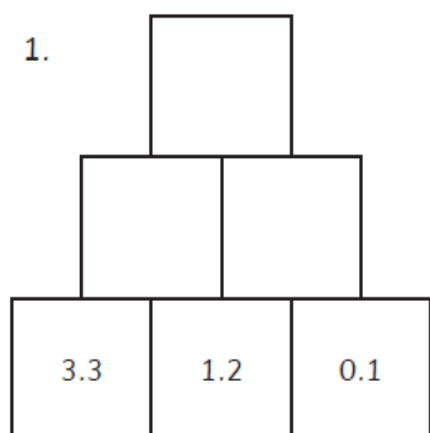
0.7

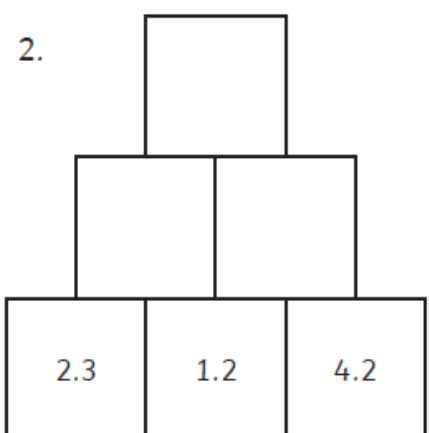
$\frac{1}{4}$	$\frac{3}{4}$	$\frac{1}{2}$
$\frac{96}{100}$	$\frac{77}{100}$	$\frac{25}{100}$
$\frac{75}{100}$	$\frac{54}{100}$	0.96
0.77	0.25	0.75
0.54	$\frac{18}{100}$	0.18

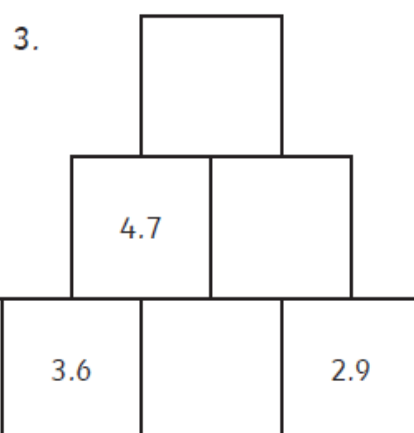
Task 5:

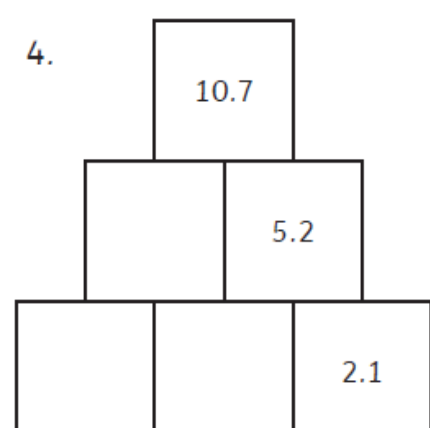
Adding and Subtracting Decimals

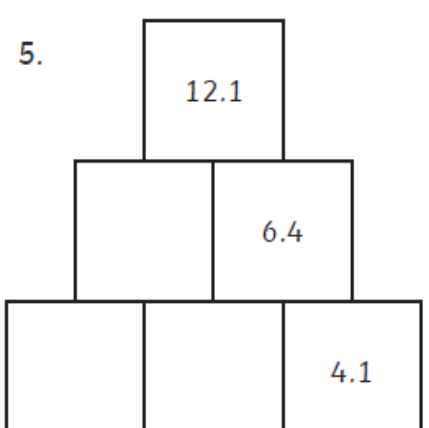
Each pair of blocks totals the block above them. Use addition and subtraction to fill in the missing decimals and complete the steps.

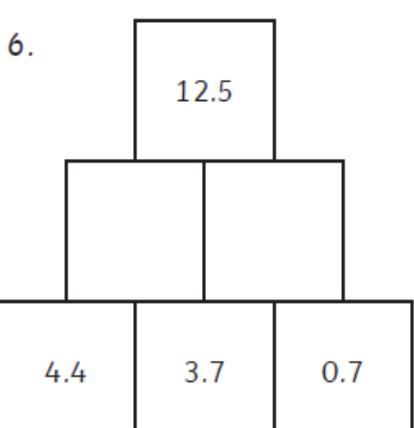
1. 

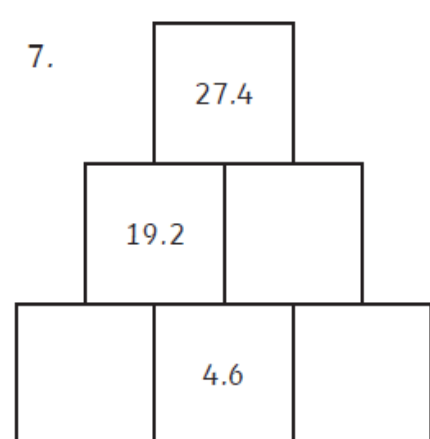
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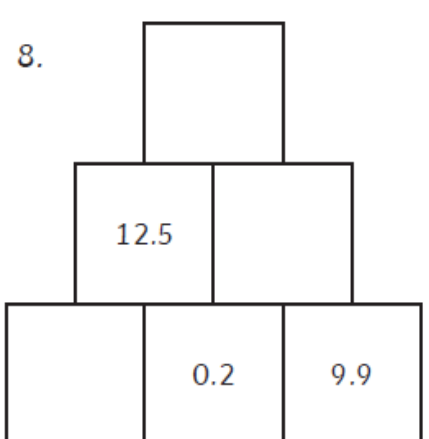
3. 

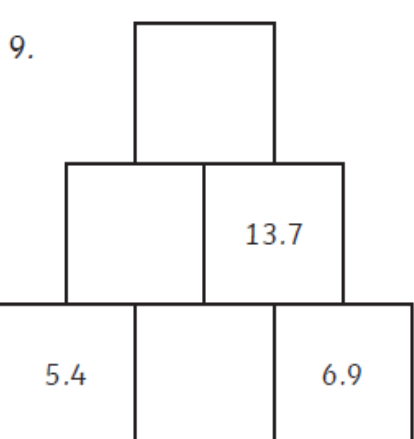
4. 

5. 

6. 

7. 

8. 

9. 

Task 6:

Decimal Place Value Challenge

Arrange all the digits to make a decimal number that meets the given criteria.

1. Between 23 and 25:
4, 2, 7

T	O	.	t

2. Between 35 and 37:
9, 6, 3

T	O	.	t

3. Between 19 and 21:
8, 0, 2

T	O	.	t

4. Between 63 and 65:
4, 6, 3

T	O	.	t

5. Between 80 and 82:
5, 1, 8

T	O	.	t

6. Between 25 and 27:
6, 2, 2

T	O	.	t

7. Between 12 and 14:
9, 1, 3

T	O	.	t

8. Between 86 and 88:
8, 1, 7

T	O	.	t

9. Between 44 and 46:
6, 4, 5

T	O	.	t

10. Arrange the following digits to make the largest decimal number possible:
5, 3, 8

T	O	.	t

11. Use the same digits to make the smallest decimal number.

T	O	.	t

Decimal Place Value Challenge

Arrange all the digits to make a 3-digit number with 2-decimal places that meets the given criteria.

1. Between 4.6 and 4.7:

7, 4, 6

--	--	--

O . t h

2. Between 3.8 and 4:

2, 3, 9

--	--	--

O . t h

3. Between 8.9 and 9.1:

0, 3, 9

--	--	--

O . t h

4. Between 7.3 and 7.5:

4, 7, 5

--	--	--

O . t h

5. Between 6.2 and 6.4:

1, 3, 6

--	--	--

O . t h

6. Between 1.7 and 1.9:

8, 1, 9

--	--	--

O . t h

7. Between 8.6 and 8.8:

7, 8, 4

--	--	--

O . t h

8. Between 2.3 and 2.5:

6, 2, 4

--	--	--

O . t h

9. Between 5 and 5.1:

8, 0, 5

--	--	--

O . t h

10. Arrange the following digits to make the largest possible 3-digit number with 2-decimal places: **7, 4, 8**

--	--	--

T O . t

11. Use the same digits to make the smallest 3-digit number with 2-decimal places.

--	--	--

T O . t

Task 7:

Year 4 word problems
decimals.

Read the question, circle the
key information, write a
number sentence and answer..



615.72cm

234.52cm



918.13cm



324.74m

615.94m



443.19m

What is the perimeter of the bed above? Can you find the answer for the top and the bottom of the bed?

The height of each of the wooden legs of the bed is 176.15cm. What is the total length of the legs?
One of the legs broke? How many cm remain on the three remaining legs?

What is the difference between the length of Kasper's cloud and the length of the rocket?

Dexter had 4 rockets. What was the total length of all four rocket?

Kasper's cloud was cut in half when the control station exploded. What was the length of the two sections?

What is the total length of 2 clouds and 3 rockets?

What is the difference in length between a cloud and a rocket?

The base of the shed is a square. What is the perimeter of the shed?

What is the difference between the length and width of the bed?

Dexter buys 6 rockets for reserves. What was the length of these?
Each rocket cost £34.65, how much did this cost in total?

Kasper bought 2 sheds at £424.54 each. How much was this altogether?

The bed cost £254.76. Kasper paid for this with a £400 note. How much change did he get?

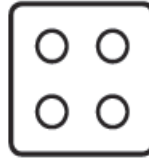
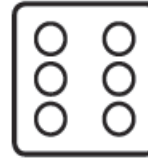
Task 8:

Is Your Pair There?

1. Choose one of the numbers in the stars.
2. Roll your dice.
3. Multiply or divide your number by 10, 100 or 1000, using the chart to decide the calculation you need to do.
4. If you can find your answer somewhere on the page, colour the star number and the answer - well done, you found a pair!
5. The player with the most pairs at the end of the game is the winner.

You will need:

- A dice.
- A partner to play the game with.
- A different colour of crayon each.

					
$\times 10$	$\div 1000$	$\times 1000$	$\div 100$	$\div 10$	$\times 100$

