

6

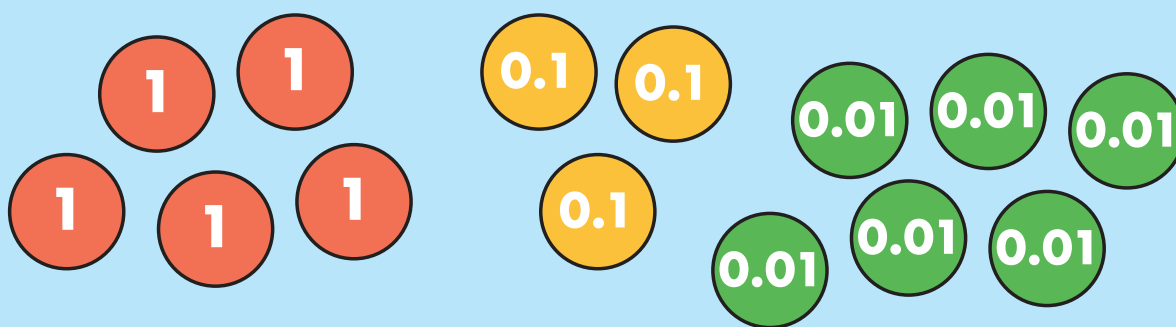
DECIMALS

White
Rose
Maths



From White Rose Maths schemes for Year 6 Spring Term
BLOCK 1 - DECIMALS

- 1 Dora makes a number using some counters.



Complete the sentences.

There are ones, tenths and hundredths.

Dora has made the number

- 2 In the number 47.9, which digit is in the ones place?

In the number 47.9, which digit is in the tenths place?

- 3 What is $6.057 + 4$ tenths?

- 4 Filip writes a number in a place value chart.

Hundreds	Tens	Ones	Tenths
		6	2

Filip multiplies his number by 10

Write his answer in this place value chart.

Hundreds	Tens	Ones	Tenths

Filip multiplies his starting number by 100

Write his answer in this place value chart.

Hundreds	Tens	Ones	Tenths

- 5 Fill in the missing numbers.

$$84 \div 10 = \square$$

$$38.7 \times 10 = \square$$


$$2.58 \times \square = 258$$

6

Tom travels 3.6 miles to school.

Annie travels 3 times further than Tom.

How far does Annie travel?



7

What is 7.8 divided by 3?



8

Match the decimals to the equivalent fractions.

0.75

 $\frac{4}{8}$

0.8

 $\frac{3}{4}$

0.5

 $\frac{4}{5}$

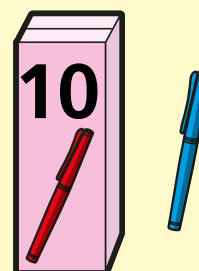
9

Nijah buys a pack of pens and a single pen.

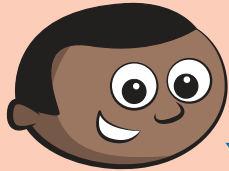
The pack of pens costs 3 times as much as the single pen.

Nijah spends £8.40

How much does a single pen cost?



10



$\frac{19}{50}$ is less than 0.5

Do you agree with Mo? _____

Explain your answer.

11

Eva shares 3 chocolate bars between her and her friends.

They each get 0.6 of a chocolate bar.

How many friends did Eva share the chocolate bars with?



12

PoundSave and LoCost have some offers on soup.

PoundSave



LoCost



Which shop sells the cheaper soup? _____

Explain your answer.

A large, empty rectangular box with a blue border and rounded corners, intended for the student to write their explanation. It has a small tail on the left side.

Answers



1 There are **5** ones, **3** tenths and **6** hundredths.
Dora has made the number **5.36**

2 7 9

3 6.457

4

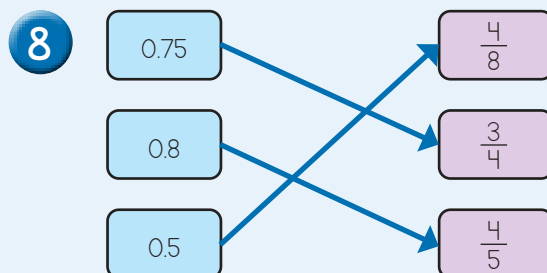
Hundreds	Tens	Ones	Tenths
	6	2	0

Hundreds	Tens	Ones	Tenths
6	2	0	0

5 $84 \div 10 = \mathbf{8.4}$
 $38.7 \times 10 = \mathbf{387}$
 $2.58 \times \mathbf{100} = 258$

6 10.8 miles

7 2.6



9 £2.10

10 Yes, because 0.5 is equivalent to a half and $\frac{19}{50}$ is less than a half.

11 4 friends

12 PoundSave: 82p per can
LoCost: 80p per can
LoCost sells the cheaper soup.