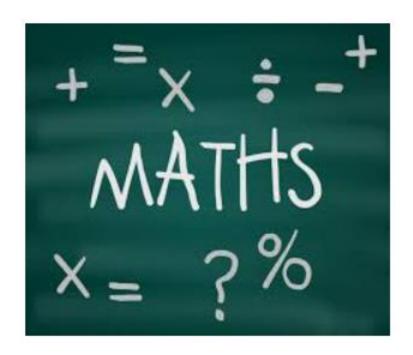


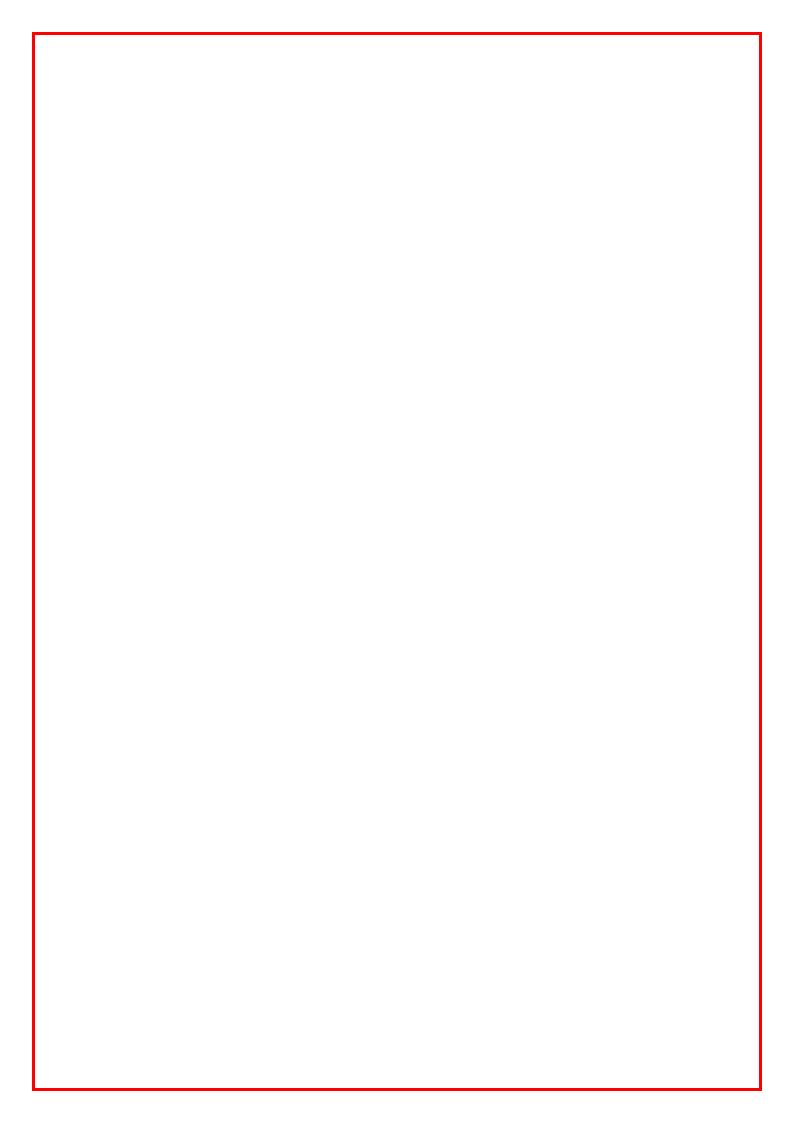
STUKELEY MEADOWS PRIMARY SCHOOL (1)





Year 5 - Maths Booklet

April 2021



REMOTE \$ IN-SCHOOL LEARNING - MATHS 19/04/21

White Rose Hom here: https://vim	e Learning. Today's focus is: Decimals as fractions (1). The supporting video can be found neo.com/519553917
What fractions and decimals do the counters represent?	fraction = decimal = decim
White Resse Morths	
Decimals as fractions (1)	a) What fraction is represents 1 whole. b) Convert the fraction to a decimal. colour the grid to represent the fraction and the decimal. b) 100 colour the grid to represent the fraction and the decimal. b) 0.17

0.75

0.3

0.15

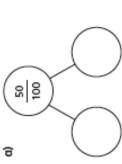
9:

Draw arrows from the numbers to show their place on the line.

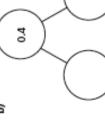
Huan says he has coloured 0.6 of the hundred square.

6

8 Complete the part-whole models using fractions or decimals.



ŝ



Compare answers with a partner.





Here is a number line.

•

Write <, > or = to complete the statements.

Explain the mistake that Huan has made.

100

0.5

ଚ

9 8

9.0 ਰ 8 2

e) 0.88

2 8

b) 0.02

- 8 0 f) 0.88

9 9

Complete the table.

9.0

v

0

Decimals

Tenths

Fifths

-|c|

9

0.2

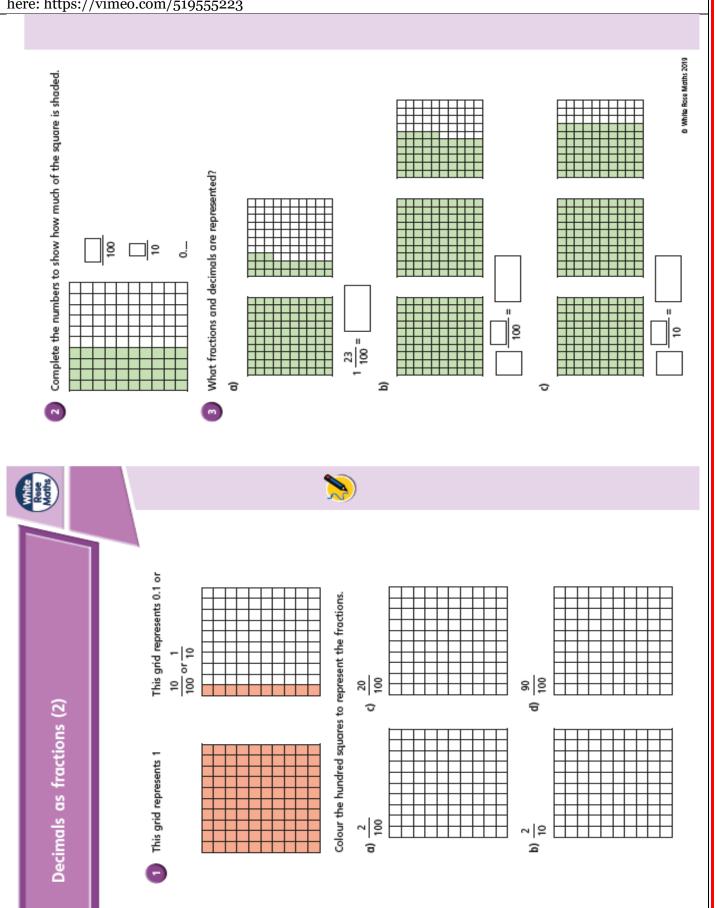
4 6

9.0

5 4

REMOTE \$ IN-SCHOOL LEARNING - MATHS 20/04/21

White Rose Home Learning. Today's focus is: Decimals as fractions (2). The supporting video can be found here: https://vimeo.com/519555223





Complete the table.

d) Represent 2.15

Represent 3 7

G

In words	2 ones, 1 tenth and 3 hundredths			8 ones and 2 hundredths
Fraction (expanded form)	$2 + \frac{1}{10} + \frac{3}{100}$			
Fraction	2 13 100	4		
Decimal (expanded form)	2 + 0.1 + 0.03		5 + 0.6 + 0.02	
Decimal	2.13	4.37		

Write the decimals as fractions.

Give your answer as a mixed number.

86

1.85

9.

1.3

a) Label the number line with the decimals.

b) 2.03 =

d) 3.98 =

100

c) 13.08 =

Use the digits 3, 4 and 5 to complete the decimal number.

0

How many different numbers can you make?

b) Label the number line with the fractions.

8|8

100

Ľ.

7 Ġ

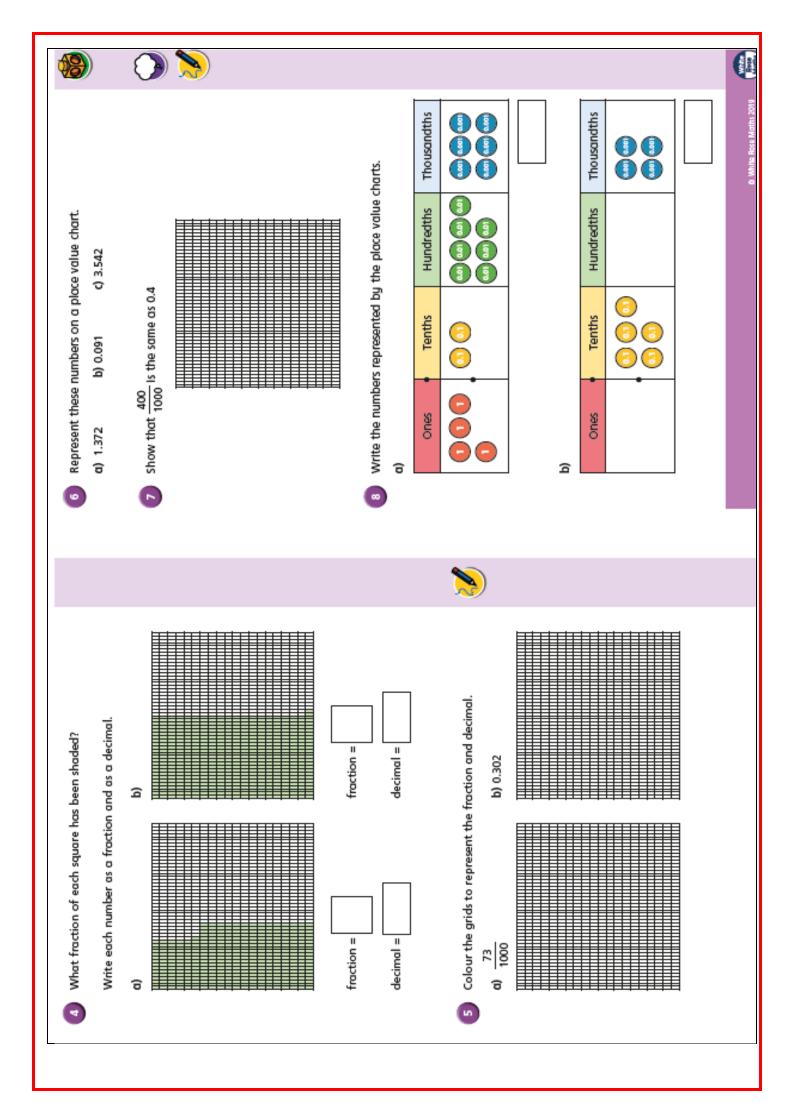
5 10

2.0

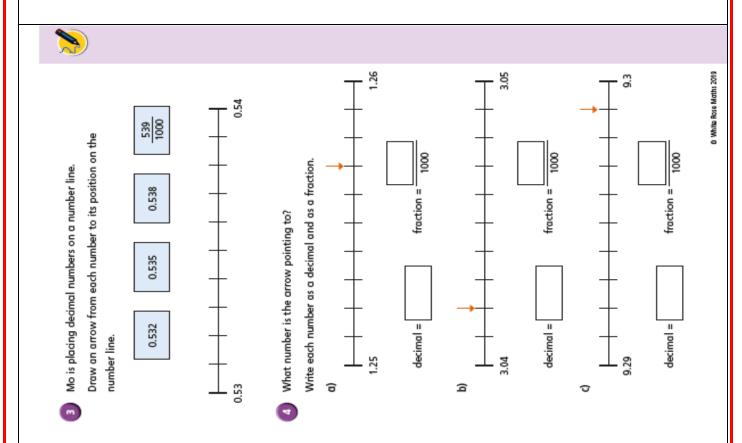


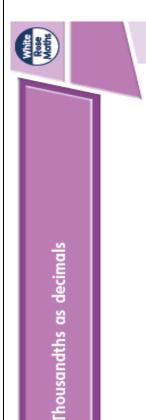
REMOTE \$ IN-SCHOOL LEARNING - MATHS 21/04/21

White Rose Home Learning. Today's focus is: Understand thousandths. The supporting video can be found here: https://vimeo.com/519979817 O White Rose Moths 2019 b) Use your representations to help you complete the statements. 2.003 a) Why do you think it is called a thousand square? b) What fraction of the square has been coloured? a) Represent each number using base 10 Part of the square has been coloured. c) Write the fraction as a decimal. 1.352 Here is a thousand square. 0.512 = 0.5 + 0.01 +1.352 = 1 +2.003 = . 0.512 Tommy is using base 10 to represent decimals. to represent 1 whole. to represent $\frac{1}{10}$ or 0.1 He uses **a** to represent 1000 or 0.001 to represent $\frac{1}{100}$ or 0.01 Understand thousandths What decimals are represented? He uses He uses He uses



White Rose Home Learning. Today's focus is: Thousandths as decimals. The supporting video can be found here: https://vimeo.com/520007456







a) 5 ones, 7 tenths, 0 hundredths and 2 thousandths

Represent the numbers on a place value chart.

Write the decimal.

b) 0 ones, 6 tenths, 2 hundredths and 9 thousandths

c) 7 ones, 0 tenths, 1 hundredth and 3 thousandths

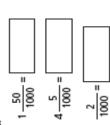






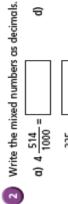
e) What would these numbers be as fractions?

Talk about it with a partner.



Lii.	L.,	
200	2000	2 000
-	4	٩١

a)
$$4\frac{514}{1000} =$$
 a) b) $6\frac{325}{1000} =$ b) c) c) $2\frac{250}{1000} =$ c) c) 7





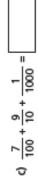


1000	
1000	
58 1000	

Complete the table to continue the pattem. 0.057 1000

Write a decimal to complete the statement.

$$\frac{7}{10} + \frac{3}{100} + \frac{9}{1000} =$$





counters.	
plain	
ıs 12	

1000

-|8

-|우







smallest Whitney is representing 0.536

b) What is the greatest and smallest number she can make with

all 12 counters?

greatest

a) List five numbers that Eva could make.



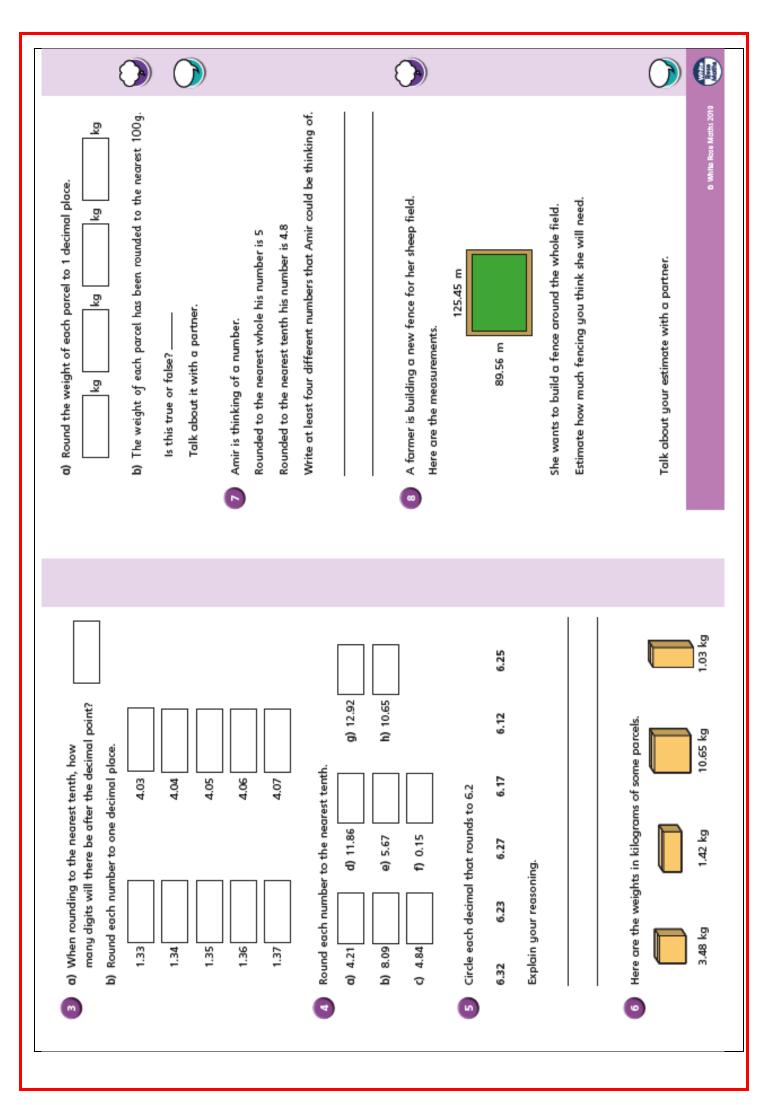
a) Is Whitney correct? __

Explain your answer.

b) Partition Whitney's number another way.

REMOTE \$ IN-SCHOOL LEARNING - MATHS 23/04/21

White Rose Home Learning. Today's focus is: Rounding decimals. The supporting video can be found here: https://vimeo.com/521879754 Use the number line to round these decimal numbers to the Explain to a partner how to round decimal numbers to one nearest tenth and the nearest whole number. The nearest whole number is The nearest whole number is The nearest whole number is The nearest tenth is The nearest tenth is The nearest tenth is decimal place. b) 14.56 a) 7.23 6.45 Explain to a partner how to round decimal numbers to the nearest Use the number line to round these decimals to the nearest Show the position of each number on the number line. The negrest whole number is The negrest whole number is The negrest whole number is whole number. whole number. b) 14.8 c) 6.5 a) 7.2



REMOTE \$ IN-SCHOOL LEARNING - MATHS 26/04/21

White Rose F	Home Learning	Today's focus is: Order and compare decimals. The supporting video can be om/522240829
(S)		
Use place value counters to make each of the numbers. 4.13 4.08 5.1	a) Which is the greatest number? b) Which is the smallest number? How do you know?	Here are some numbers in a place value chart. Ones Tenths Hundredths Thousandths 3
Order and compare decimals	Which number is greater?	Explain your answer. Explain your answer. Explain your answer. Explain your answer.

