Year 3	Maths	English	Science	History	Geography
W/C:	Complete the Year 3 Maths daily activities on White Rose maths. https://whiterosemaths.com/homelearning/ Summer Term Week 6 Monday - Tenths as decimals Tuesday - Fractions on a number line Wednesday - Fractions of a set of objects (1) Thursday - Fractions of a set of objects (2) Friday - Challenge Watch the video clip then answer the questions in your books. Worksheets are attached below. Also have a look at https://www.bbc.co.uk/bitesize/dailylessons --- TT Rockstars 20 mins x 5 (Arena or Garage) RMEasimaths 20 mins x5 Sumdog	Lexia - 20 mins x 5 (email address is yr3teacher@unity.fact.org.uk) Or IDL- 20 mins x 5 Independent reading – 20 minutes x 5 Activity: Write a character description for your favourite character from your favourite book. --- Complete the Year 3 English daily activities on BBC bitesize – looks at a range of grammar – these can be done in your workbooks. https://www.bbc.co.uk/bitesize/dailylessons	Thinking back to the beginning of Year 3! Create 3 healthy meals that you could have for Breakfast Lunch Tea Remember to include something from each food group! **Wellbeing** Complete the wellbeing lesson on BBC bitesize – this can be done in your workbook. https://www.bbc.co.uk/bitesize/tags/zmyxxyc/year-3-lessons/1	Fantastically Great Women Create a fact file about your favourite 'Fantastically Great Women' Amelia Earhart Coco Chanel Rosa Parks Agent Fifi Emmeline Pankhurst Gertrude Ederle	Marvellous Mountains Find as many facts as you an about a famous Mountain. 

If you need to speak to Miss Gleadell or Miss Hazlewood please email us on yr3teacher@unity.fact.org.uk

We look forward to seeing your work either by email or on twitter @Miss_Gleadell @Miss_Hazlewood or @UnityPhase2.

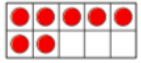
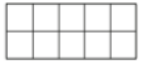
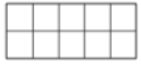
Useful links

https://www.rmeasimaths.com/ https://ttrockstars.com/ https://appuk.idlsgroup.com/#/login

Day 1

Tenths as decimals

1 Complete the table.

Representation	Words	Fraction	Decimal
	1 tenth		0.1
		$\frac{7}{10}$	
			0.3
	5 tenths		

2 Match each bar model to the equivalent decimal.

0.8

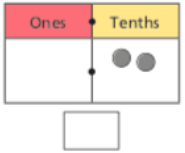
0.6

0.4

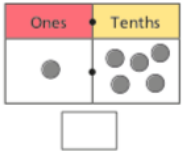
3 Mo is using a place value chart to represent numbers.

Write each number as a decimal.

a)



c)



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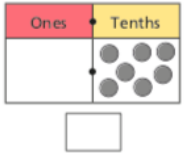
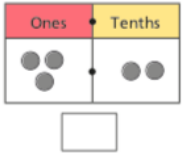
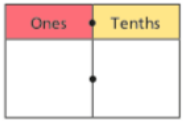


d)

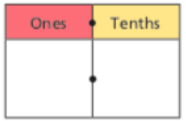


4 Draw counters to represent the numbers.

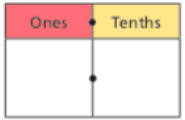
a) 0.3



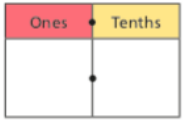
c) 1.3



b) 3



d) 3.1

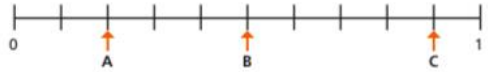


Day 1

5 Continue the pattern.

$\frac{1}{10}$	0.2	3 tenths	$\frac{4}{10}$	0.5
6 tenths				

6 What decimal is each arrow pointing to?



A = ☐ B = ☐ C = ☐

7 Estimate the position of the decimals on the number lines.

a) 0.1 0.5 0.8

b) 0.4 0.7 0.9

c) 0.6 1.2 1.7

8 Complete the statements.

a) $0.2 > \frac{\square}{10}$

b) $0.8 < \frac{\square}{10}$

c) ☐ tenths = 0.7

d) ☐ $= \frac{12}{10}$

Is there more than one answer for each?

9 Aisha places 6 counters onto this place value chart.

List all the possible numbers she could represent.

Day 2

Fractions on a number line

1 Draw an arrow to show the fractions on the number lines.

a) $\frac{1}{2}$

b) $\frac{1}{3}$

c) $\frac{1}{4}$

Are your answers accurate or are they estimates?

2 Write <, > or = to compare the fractions.

a) $\frac{1}{2}$ ◯ $\frac{1}{4}$

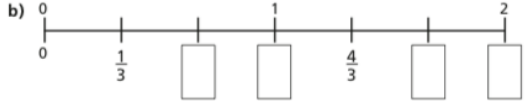
b) $\frac{1}{4}$ ◯ $\frac{1}{3}$

c) $\frac{1}{3}$ ◯ $\frac{1}{2}$

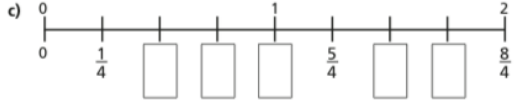
3 Write the missing fractions on the number lines.

a)

b)



c)



d) Write three fractions that are equivalent to one whole.

Use the number lines to help you.

What do you notice?

Talk about it with a partner.

Day 2

4 Draw an arrow to estimate where each fraction belongs on the number line.

a) $\frac{3}{4}$

b) 1 and $\frac{2}{3}$

5 Write each fraction under the correct heading.

$\frac{2}{3}$ $\frac{4}{4}$ $\frac{5}{3}$ $\frac{1}{8}$ $\frac{3}{3}$

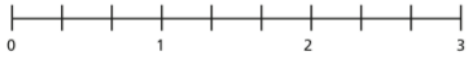
$\frac{3}{4}$ $\frac{7}{4}$ $\frac{8}{8}$ $\frac{7}{8}$

Less than one whole	Equal to one whole	More than one whole

6 What fraction is shown in each diagram?

Draw an arrow to show the fraction on the number line.

a)



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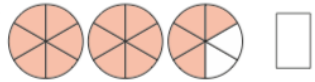

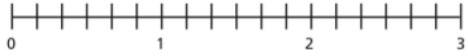

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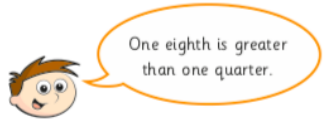


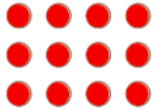
Do you agree with Teddy? _____

Use the number line to show why.

Day 3

Fractions of a set of objects (1)

1 Here are some counters.



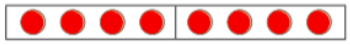
a) Circle $\frac{1}{4}$ of the counters.

b) How many counters did you circle? ☐

c) What is $\frac{1}{4}$ of 12? ☐

2 Draw counters in the bar models to help you complete each number sentence. The first one has been done for you.

a) $\frac{1}{2}$ of 8 = 4



b) $\frac{1}{2}$ of 16 = ☐

c) $\frac{1}{4}$ of 8 = ☐

d) $\frac{1}{4}$ of 16 = ☐

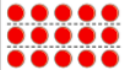
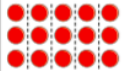
3

To find a half I need to divide by 2

Do you agree with Dexter? _____

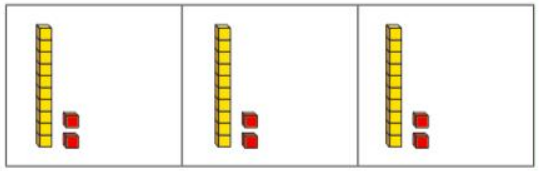
Talk about it with a partner.

4 Complete the table.

Fraction	Division	Example	Drawing
one half	divide by 2	$\frac{1}{2}$ of 6 = 3	
one quarter		$\frac{1}{4}$ of 8 = 2	
			
			

Day 3

5 Huan uses a bar model and base 10 to find $\frac{1}{3}$ of 36



Use Huan's method to complete the calculations.

a) $\frac{1}{3}$ of 63 = ☐

c) $\frac{1}{4}$ of 92 = ☐

b) $\frac{1}{4}$ of 48 = ☐

6 Nijah uses a bar model and place value counters to find $\frac{1}{3}$ of 36

Use Nijah's method to complete the calculations.

a) $\frac{1}{3}$ of 96 = ☐

c) $\frac{1}{4}$ of 52 = ☐

b) $\frac{1}{5}$ of 60 = ☐

7 Which amount is greater? Tick your answer.

☐ $\frac{1}{3}$ of £75 or ☐ $\frac{1}{5}$ of £75

Show your workings.

8 Complete the number sentences.

a) $\frac{1}{2}$ of ☐ = 30

c) $\frac{1}{5}$ of ☐ = 50

b) $\frac{1}{4}$ of ☐ = 20

9 Rosie, Amir and Alex each find a fraction of 24 using counters.

a) Order the children from least counters to most counters.

_____ _____ _____

least counters most counters

b) What fraction of the counters does Alex have? ☐

c) Rosie and Amir put their counters together.
Write their total number of counters as a fraction of 24

☐

Day 4

Fractions of a set of objects (2)

1 Draw counters in the bar models to help you complete each number sentence.

a) $\frac{2}{3}$ of 15 = ☐

b) $\frac{3}{4}$ of 8 = ☐

c) $\frac{2}{5}$ of 20 = ☐

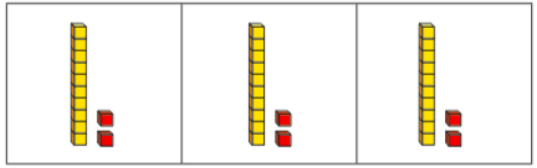
2 Match the questions and answers.

$\frac{2}{3}$ of 9 = ?	9
$\frac{3}{5}$ of 15 = ?	6
$\frac{5}{6}$ of 12 = ?	15
$\frac{3}{4}$ of 20 = ?	10

3 What is $\frac{6}{6}$ of 18? ☐

How do you know?

4 Brett uses a bar model and base 10 to find $\frac{2}{3}$ of 36



Use Brett's method to complete the number sentences.

a) $\frac{2}{3}$ of 63 = ☐

b) $\frac{3}{4}$ of 48 = ☐

c) $\frac{3}{4}$ of 92 = ☐

5 Kim uses a bar model and place value counters to find $\frac{2}{3}$ of 36

Use Kim's method to complete the number sentences.

a) $\frac{2}{3}$ of 96 = ☐

b) $\frac{3}{5}$ of 60 = ☐

c) $\frac{3}{4}$ of 52 = ☐

Day 4

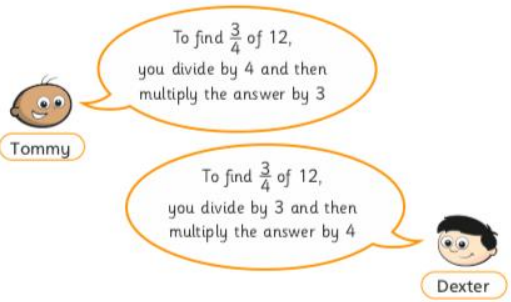
6 Complete the number sentences.

a) $\frac{2}{3}$ of ☐ = 30

b) $\frac{3}{4}$ of ☐ = 30

c) $\frac{5}{6}$ of ☐ = 30

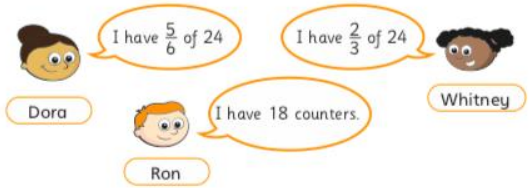
7



Who is correct? _____

How do you know? Show your working.

8 Dora, Whitney and Ron each find a fraction of 24 using counters.



a) Who has the most counters? Show your workings.

b) How many more counters does Dora have than Whitney? ☐

9 Write fractions to make the statements correct.

☐ of 36 < 18

☐ of 36 = 18

☐ of 36 > 18

How many different answers can you find for each?
Compare with a partner.