Year 3	Maths	English	Science	History	Geography
W/C: 8th June	Complete the Year 3 Maths daily activities on White Rose maths. https://whiterosemaths.com/homelearning/ Summer Term Week 7 Monday - Equivalent fractions (1) Tuesday - Equivalent fractions (2) Wednesday - Equivalent fractions (3) Thursday - Comparing fractions Friday - Challenge Cards (page 12) 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 20 mins x5	Lexia or IDL - 20 mins x 5 Watch the story: https://www.youtube.com/watch?v=targ5nkkGlk Monday:: Like owl, how many ways can you think of to show your friends/family you love them without giving them a hug. Tuesday: How many adjectives can you think of to describe the hedgehog and tortoise. Wednesday: Write a letter or postcard to someone in your family/friend to show you are thinking of them. Thursday: Complete the SPAG mat on page 10. You can copy each section into your workbook. Friday: Pick 6 words from the Year 3/4 spelling list (page 11) and put them into a sentence. --- 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/dailyl	Investigating Shadows Research how a shadow is formed and write an explanation. Draw a **X** on an area in your garden and ask your adult to draw around your shadow at different parts of the day. What happens?  Wellbeing Complete the wellbeing lesson on BBC bitesize – this can be done in your workbook. https://www.bbc.co.uk/bitesize/dailylessons	Ancient Egyptians What Was Life Like in Ancient Egypt? Write a diary entry for someone living in this time. 	Wonderful Weather Record the weather for 3 different countries for 7 days. Compare them to the UK. Is there anything similar or different? 

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

Equivalent fractions (1)

1 Shade the bar models to represent the fractions.

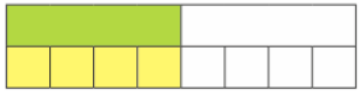
a) Shade $\frac{1}{2}$ of the bar model.

b) Shade $\frac{2}{4}$ of the bar model.

What do you notice?

2 Complete the equivalent fractions.

a)

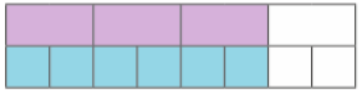


$\frac{1}{2} = \frac{\square}{8}$

b)

$\frac{1}{4} = \frac{2}{\square}$

c)



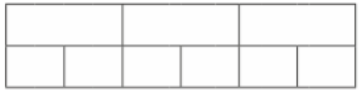
$\frac{3}{4} = \frac{6}{\square}$

3 Shade the bar models to represent the equivalent fractions.

a)

$\frac{1}{3} = \frac{2}{6}$

b)

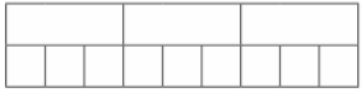


$\frac{2}{3} = \frac{4}{6}$

c)

$\frac{1}{3} = \frac{3}{9}$

d)



$\frac{2}{3} = \frac{6}{9}$

Can you find any more equivalent fractions using the bar models?

Day 1

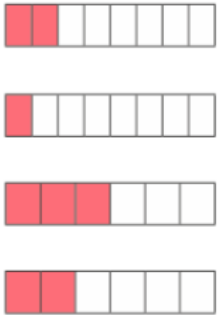
4 Match each bar model to its equivalent fraction.

$\frac{1}{2}$

$\frac{1}{3}$

$\frac{1}{4}$

$\frac{1}{8}$



5 Shade the bar models to complete the equivalent fractions.

a)

$\frac{1}{2} = \frac{\square}{12}$

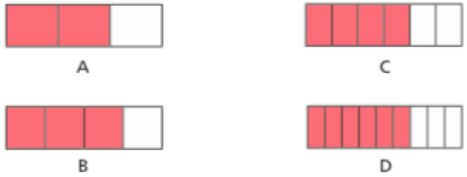
b)

$\frac{1}{3} = \frac{\square}{12}$

c)

$\frac{1}{6} = \frac{\square}{12}$

6 The bar models represent fractions.

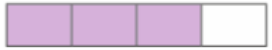


A C B D

Which is the odd one out? _____

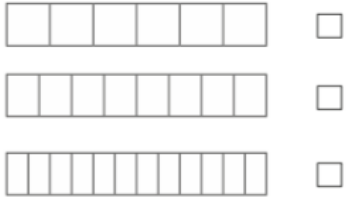
Why do you think this?

7 This bar model represents $\frac{3}{4}$



Tick the bar models that can be used to show a fraction that is equivalent to $\frac{3}{4}$

Shade the bar models to support your answers.



Talk to a partner about your answers.

Day 2

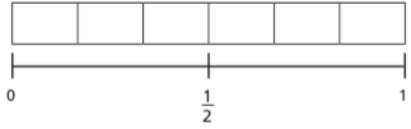
Equivalent fractions (2)

1 Shade the bar models to represent the fractions.

a) Shade $\frac{1}{2}$ of the bar model.

b) Shade $\frac{2}{4}$ of the bar model.

c) Shade $\frac{3}{6}$ of the bar model.

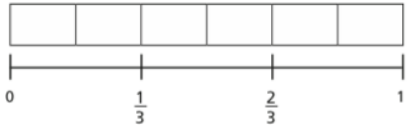


d) What do you notice?

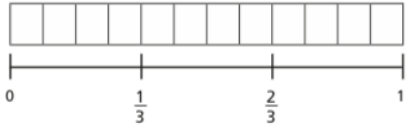
e) Write another fraction that is equivalent to $\frac{1}{2}$

2 Shade $\frac{2}{3}$ of each bar model.

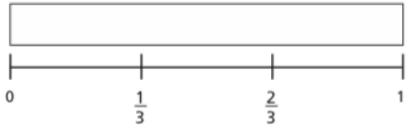
a)



b)



c)

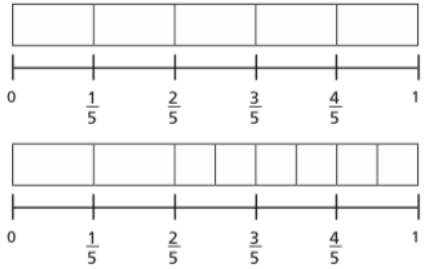


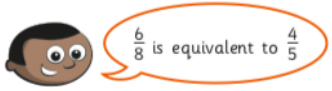
d) Use your answers to parts a), b) and c) to complete the equivalent fractions.

$$\frac{2}{3} = \frac{\square}{6} = \frac{8}{\square} = \frac{\square}{15}$$

Day 2

3 Mo is finding equivalent fractions.



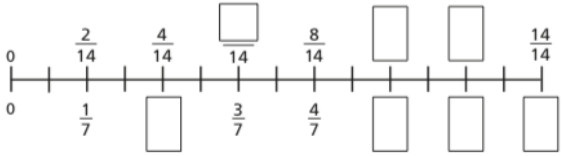


Do you agree with Mo? _____

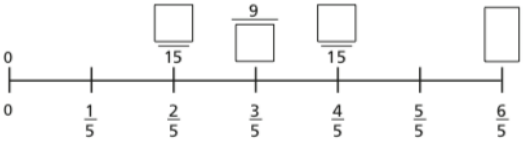
Explain your answer.

4 Find the missing numbers.

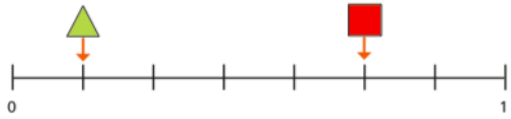
a)



b)



5 Here is a number line.

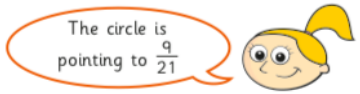


a) What fraction is each shape pointing to?

b) A circle is halfway between the triangle and the square.

Draw the circle on the number line.

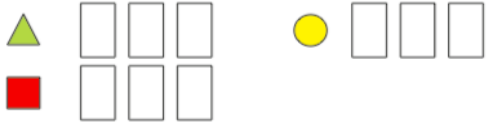
c)



Do you agree with Eva? _____

Show how you worked this out.

d) Write three equivalent fractions for each shape.



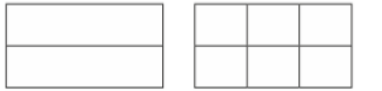
Compare answers with a partner.

Day 3

Equivalent fractions (3)

1 Shade the shapes to help you complete the equivalent fractions.

a)  $\frac{1}{3} = \frac{\square}{\square}$

b)  $\frac{1}{2} = \frac{\square}{\square}$

c)  $\frac{3}{4} = \frac{\square}{\square}$

d)  $\frac{3}{4} = \frac{\square}{\square}$

2 Use the fraction wall to complete the equivalent fractions.

$\frac{1}{3}$		$\frac{1}{3}$		$\frac{1}{3}$	
$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$
$\frac{1}{9}$ $\frac{1}{9}$ $\frac{1}{9}$		$\frac{1}{9}$ $\frac{1}{9}$ $\frac{1}{9}$		$\frac{1}{9}$ $\frac{1}{9}$ $\frac{1}{9}$	

a) $\frac{1}{3} = \frac{\square}{6}$

b) $\frac{1}{3} = \frac{\square}{9}$

c) $\frac{2}{3} = \frac{4}{\square}$

d) $\frac{2}{3} = \frac{6}{\square}$

e) $\frac{4}{6} = \frac{6}{\square}$

f) $\frac{1}{3} = \frac{\square}{6} = \frac{\square}{9}$

3 Draw a picture to show that one quarter is equivalent to two eighths.

Day 3

4 Use the fraction wall to decide whether the fractions are equivalent or not.

$\frac{1}{2}$					$\frac{1}{2}$				
$\frac{1}{4}$				$\frac{1}{4}$				$\frac{1}{4}$	
$\frac{1}{5}$			$\frac{1}{5}$			$\frac{1}{5}$			$\frac{1}{5}$
$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$

Complete the sentences using **is** or **is not**.

a) $\frac{1}{2}$ _____ equivalent to $\frac{2}{4}$

b) $\frac{1}{4}$ _____ equivalent to $\frac{2}{10}$

c) $\frac{1}{2}$ _____ equivalent to $\frac{5}{10}$

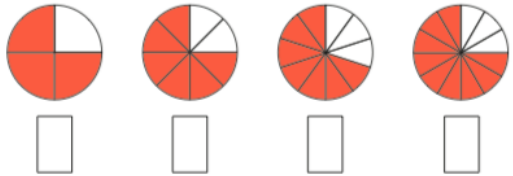
d) $\frac{3}{10}$ _____ equivalent to $\frac{2}{5}$

e) $\frac{4}{5}$ _____ equivalent to $\frac{8}{10}$

f) $\frac{3}{4}$ _____ equivalent to $\frac{4}{5}$

Write some sentences of your own and ask a partner to fill in the gaps.

5 a) What fraction of each shape is shaded?



b) Use the fractions in part a) to complete the sentences.

☐ is equivalent to ☐

☐ is equivalent to ☐

☐ is not equivalent to ☐

☐ is not equivalent to ☐

Compare answers with a partner.

6 The bar model represents $\frac{1}{2}$ 

Write as many equivalent fractions as you can.

What is the same about all the fractions you have written?

Day 4

Compare fractions

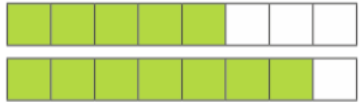
1 Write <, > or = to compare the fractions.

Use the bar models to help you.

a)

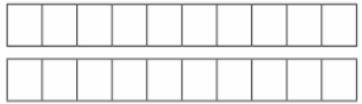
$\frac{5}{8}$ ◯ $\frac{3}{8}$

b)



$\frac{5}{8}$ ◯ $\frac{7}{8}$

c)



$\frac{5}{10}$ ◯ $\frac{7}{10}$

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

a) $\frac{1}{5}$ ◯ $\frac{3}{5}$

b) $\frac{2}{5}$ ◯ $\frac{2}{5}$

c) $\frac{2}{7}$ ◯ $\frac{6}{7}$

d) $\frac{6}{7}$ ◯ $\frac{2}{7}$

e) $\frac{6}{13}$ ◯ $\frac{12}{13}$

f) $\frac{13}{15}$ ◯ $\frac{13}{15}$

3 Here are some bar models.

$\frac{1}{2}$

$\frac{1}{3}$

$\frac{1}{4}$

$\frac{1}{5}$

a) Shade the bar models to represent the fractions.

b) Write < or > to compare the fractions.

Use the bar models to help you.

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

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

Day 4

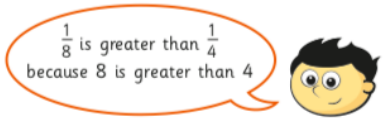
4 What could the missing numerators and denominators be?

Give three examples for each.

a) $\frac{1}{5} < \frac{\square}{5}$ $\quad \frac{1}{5} < \frac{\square}{5}$ $\quad \frac{1}{5} < \frac{\square}{5}$

b) $\frac{1}{5} < \frac{1}{\square}$ $\quad \frac{1}{5} < \frac{1}{\square}$ $\quad \frac{1}{5} < \frac{1}{\square}$

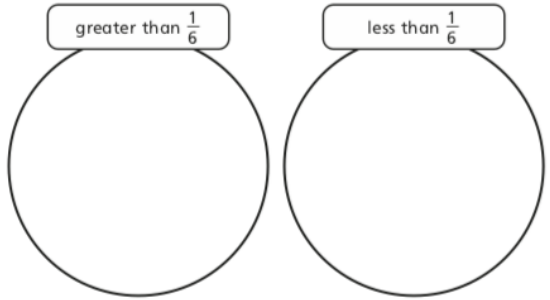
5 Jack is comparing fractions.



Draw bar models to show that Jack is wrong.

6 Sort the fractions into the circles.

$\frac{5}{6}$ $\quad \frac{1}{8}$ $\quad \frac{1}{2}$ $\quad \frac{2}{6}$ $\quad \frac{1}{12}$ $\quad \frac{3}{6}$



7 Complete the sentences using the word bank.

numerator | denominator | greater | smaller

a) When fractions have the same denominator, the greater the _____, the _____ the fraction.

b) When fractions have the same numerator, the greater the _____, the _____ the fraction.

SPAG Mat

Section 1

Mr Whoops has made THREE clumsy spelling mistakes in his sentence. Can you underline them and correct them?

Yesterday,
I had a terrible accidant when I fell off my bisycle and hurtled forwerds into a field.

_____

_____

Section 2

Can you add two adjectives to this sentence?

The _____ snake slithered through the _____ grass.

Section 3

Underline all the verbs in these sentences:

James stirred the cake mixture, poured it into the tin and put it into the oven. He wanted to create a birthday surprise for his mum.

Section 4

Add a full stop, exclamation mark or question mark to the end of these sentences.

What big teeth you have, Grandma

Had Little Red Riding Hood recognised him

Section 5

Insert the correct punctuation into this sentence:

Would you like to come to a tea party asked The Queen.

Section 6

Are the following letters consonants or vowels?

E

T

Y

Year 3 and 4 Common Exception Words

Aa	breath	consider	enough	group	island	natural	popular	**Rr**	surprise
accident	breathe	continue	exercise	guard	**Kk**	naughty	position	recent	**Tt**
accidentally	build	**Dd**	experience	guide	knowledge	notice	possess	regular	therefore
actual	busy	decide	extreme	**Hh**	**Ll**	**Oo**	possession	reign	though
actually	business	describe	**Ff**	heard	learn	occasion	possible	remember	thought
address	**Cc**	different	famous	heart	length	occasionally	potatoes	**Ss**	through
although	calendar	difficult	favourite	height	library	often	pressure	sentence	**Vv**
answer	caught	disappear	February	history	**Mm**	opposite	probably	separate	various
appear	centre	**Ee**	forward	**Ii**	material	ordinary	promise	special	**Ww**
arrive	century	early	forwards	imagine	medicine	**Pp**	purpose	straight	weight
Bb	certain	earth	fruit	increase	mention	particular	**Qq**	strange	woman
believe	circle	eight	**Gg**	important	minute	peculiar	quarter	strength	women
bicycle	complete	eighth	grammar	interest	**Nn**	perhaps	question	suppose	

Maths Problem Cards

Challenge Cards

Problem 1

Isaac needs to be in town for half past two. The journey takes 40 minutes.

What time does Isaac need to set off?

Problem 2

Poppy has £3. Melons cost 75p.

How many melons can Poppy buy?

Problem 3

String A is 66cm long.

String B is 41cm long.

What is their total length?