

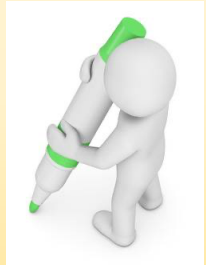


Think about how to answer it,
solve it in your head.



Write the answers down.

New symbols to look out for:



It's your turn to be the teacher!

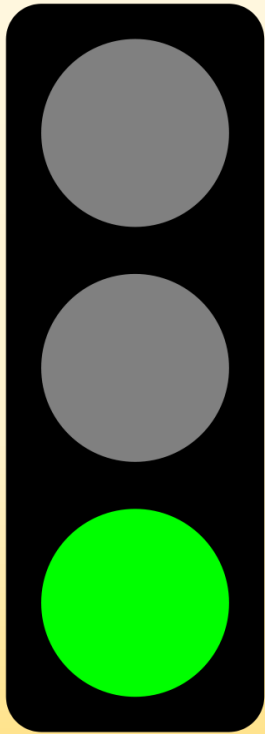
With an adult or sibling or on your own, mark your work for this lesson.



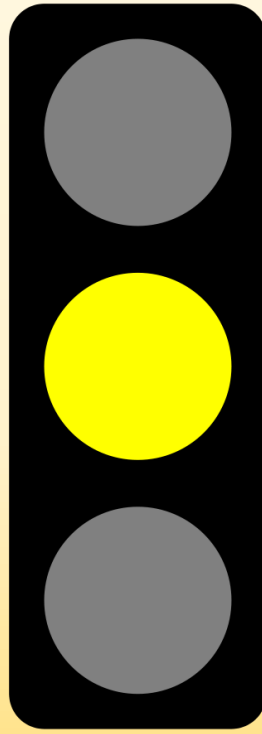
I will check your work for you.

Send me your answers on Google Classroom to check. Or you can write your answers down and send me a photo on Google Classroom, whatever is easier 😊

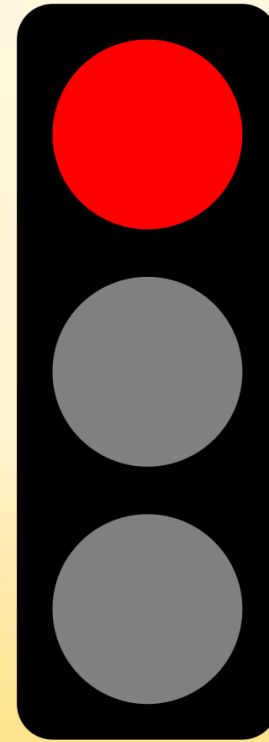
When choosing which questions to answer, use this as a guide to help.



Easier



Medium



Harder

Monday 18th May 2020

L.O. I am learning to order and
compare fractions.

Key vocabulary: fraction equal compare greater than less than numerator denominator

Monday 18th May 2020

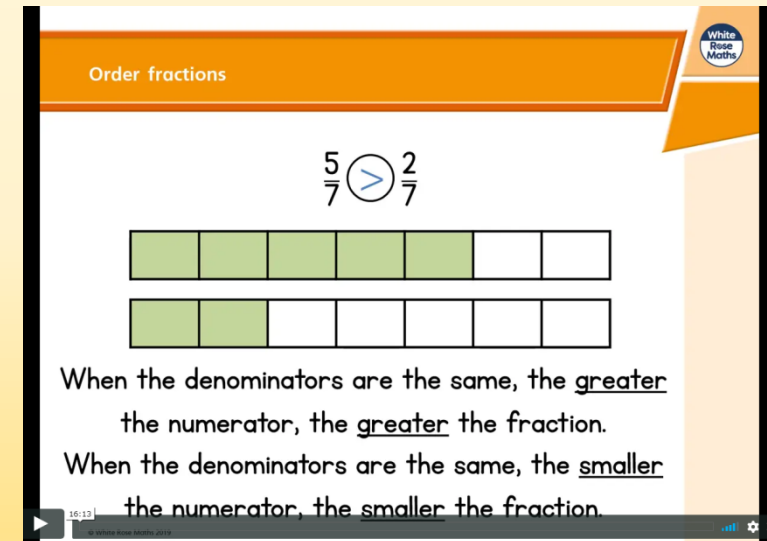
L.O. I am learning to order and compare fractions.

Today's video explains different ways to order and compare fractions.
Some methods are trickier than others so try your best 😊

Lesson:

<https://vimeo.com/402857164>

When it asks to pause and complete a question, look at the worksheet 😊



The screenshot shows a video player interface. At the top, there is an orange header with the text "Order fractions" and a "White Rose Maths" logo. Below the header, the fraction $\frac{5}{7} > \frac{2}{7}$ is displayed. Underneath, there are two horizontal bar models. The top bar model is divided into seven equal segments, with the first five segments shaded green and the last two segments white. The bottom bar model is also divided into seven equal segments, with the first two segments shaded green and the remaining five segments white. Below the bar models, there is text explaining the comparison: "When the denominators are the same, the greater the numerator, the greater the fraction." and "When the denominators are the same, the smaller the numerator, the smaller the fraction." The video player controls are visible at the bottom.

Key vocabulary: fraction equal compare greater than less than numerator denominator

Monday 18th May 2020

L.O. I am learning to order and compare fractions.

Complete as much of the worksheet as you can. Print the worksheet or write down your answers on paper and send a photo.

Order fractions

1 a) Shade the bar models to represent the fractions.

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

b) What do you notice?

c) Complete the sentence.

numerator denominator greater smaller

When fractions have the same _____, the _____ the _____ the _____ the fraction.

2 Write the fractions in order, starting with the smallest.

$\frac{1}{9}$ $\frac{8}{9}$ $\frac{4}{9}$ $\frac{2}{9}$ $\frac{7}{9}$

smallest greatest

3 a) Shade the bar models to represent the fractions.

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

b) What do you notice?

c) Complete the sentence.

numerator denominator greater smaller

When fractions have the same _____, the _____ the _____ the fraction.

4 Write the fractions in order, starting with the greatest.

$\frac{1}{9}$ $\frac{1}{3}$ $\frac{1}{7}$ $\frac{1}{2}$ $\frac{1}{11}$

greatest smallest

5 Tommy and Dora are ordering fractions.

$\frac{1}{5}$ $\frac{4}{15}$ $\frac{2}{3}$ $\frac{7}{15}$

Tommy: I cannot order these fractions because the numerators and denominators are different.

Dora: I think I can use equivalent fractions to help me.

Who do you agree with? _____

Talk about it with a partner.

6 a) Complete the equivalent fractions.

$\frac{3}{5} = \frac{6}{\quad}$ $\frac{2}{9} = \frac{6}{\quad}$ $\frac{1}{7} = \frac{6}{\quad}$

b) Write the fractions in order, starting with the greatest.

$\frac{6}{9}$ $\frac{3}{5}$ $\frac{1}{7}$ $\frac{2}{9}$

greatest smallest

You do not need to complete Question 7.

Key vocabulary: fraction equal compare greater than less than numerator denominator



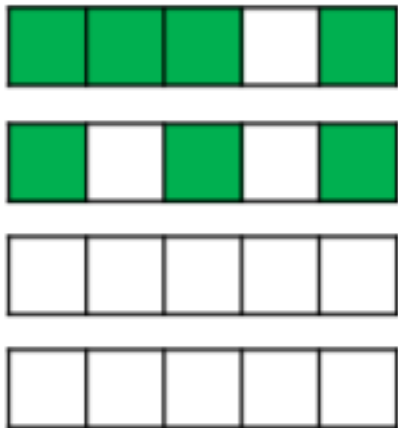
Challenges:

Shade the blank diagrams so the fractions are ordered correctly.

Fractions in ascending order



Fractions in descending order



Complete the missing denominator.
How many different options can you find?

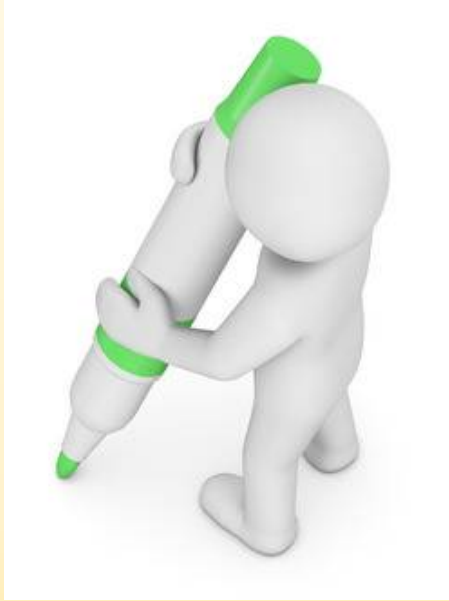
$$\frac{1}{2} > \frac{1}{\square} > \frac{1}{10}$$

Here are three fractions.

$$\frac{3}{8} \quad \frac{3}{5} \quad \frac{1}{8}$$

Which fraction is the largest? How do you know?

Which fraction is the smallest? How do you know?



Well done!

Now it's time to check your work.

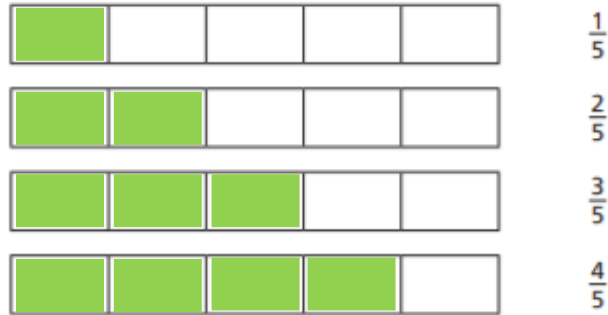


Order fractions

Check your answers.

If you make a mistake, try and work out where it went wrong.

1 a) Shade the bar models to represent the fractions.



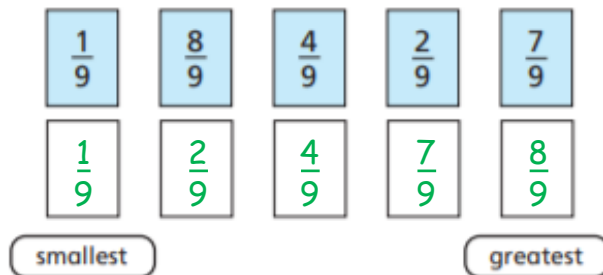
b) What do you notice? *The denominator doesn't change, but as the numerator gets bigger we shade more of the bar.*

c) Complete the sentence. *we shade more of the bar.*

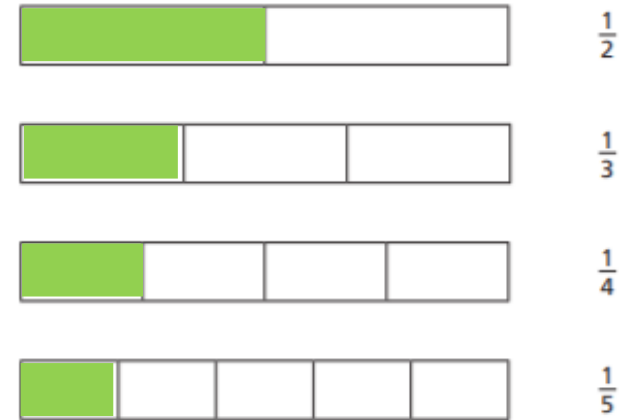
numerator denominator greater smaller

When fractions have the same denominator, the greater the numerator the greater the fraction.

2 Write the fractions in order, starting with the smallest.



3 a) Shade the bar models to represent the fractions.



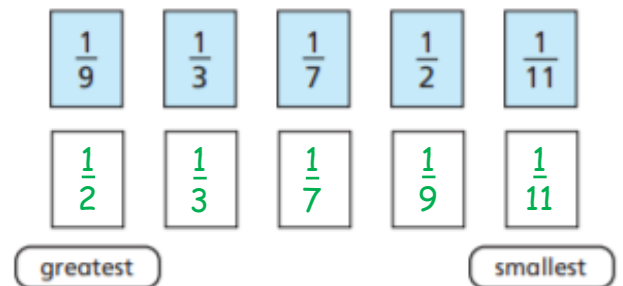
b) What do you notice? *The numerator doesn't change, but as the denominator gets bigger we shade less of the bar.*

c) Complete the sentence. *we shade less of the bar.*

numerator denominator greater smaller

When fractions have the same numerator, the greater the denominator the smaller the fraction.

4 Write the fractions in order, starting with the greatest.





Check your answers.

If you make a mistake, try and work out where it went wrong.

- 5 Tommy and Dora are ordering fractions.

$$\frac{1}{5}$$

$$\frac{4}{15}$$

$$\frac{2}{3}$$

$$\frac{7}{15}$$



Tommy

I cannot order these fractions because the numerators and denominators are different.



Dora

I think I can use equivalent fractions to help me.

Who do you agree with? Dora

Talk about it with a partner.

- 6 a) Complete the equivalent fractions.

$$\frac{3}{5} = \frac{6}{10}$$

$$\frac{2}{9} = \frac{6}{27}$$

$$\frac{1}{7} = \frac{6}{42}$$

- b) Write the fractions in order, starting with the greatest.

$$\frac{6}{9}$$

$$\frac{3}{5}$$

$$\frac{1}{7}$$

$$\frac{2}{9}$$

$$\frac{3}{5}$$

$$\frac{6}{9}$$

$$\frac{2}{9}$$

$$\frac{1}{7}$$

greatest

smallest





Check your answers.

If you make a mistake, try and work out where it went wrong.

Circles: Either 7 or 8 parts shaded.

Squares: Either 2 and 1 parts shaded

OR

1 and 0 parts shaded.

Any of the answers below:

$$\frac{1}{3}$$

$$\frac{1}{4}$$

$$\frac{1}{5}$$

$$\frac{1}{6}$$

$$\frac{1}{7}$$

$$\frac{1}{8}$$

$$\frac{1}{9}$$

$\frac{3}{5}$ is the largest-
when the
numerators are
the same, the
smaller the
denominator the
larger the fraction.
Children could
also explain that $\frac{3}{5}$
is the only fraction
larger than a half.
 $\frac{1}{8}$ is the smallest-
when the
denominators are
the same, the
smaller the
numerator, the
smaller the
fraction.

Tuesday 19th May 2020

L.O. I am learning to add
fractions.

Key vocabulary: fraction equal equivalent add numerator denominator

Tuesday 19th May 2020

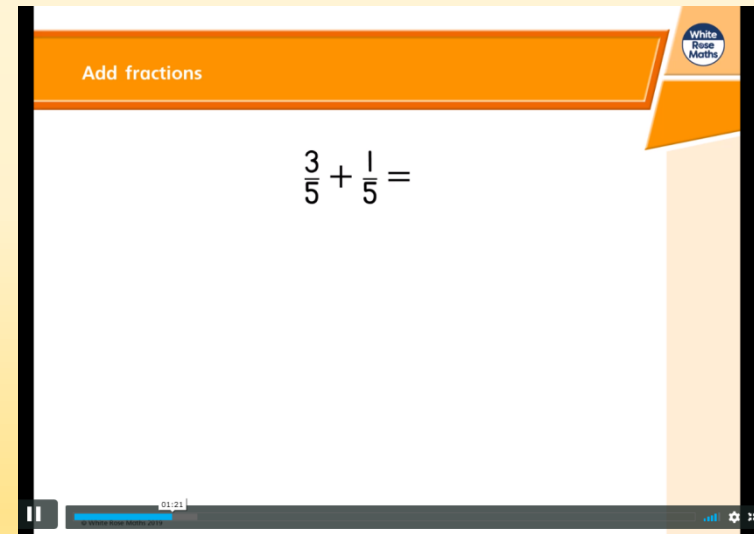
L.O. I am learning to add fractions.

Today's video shows us how to add fractions with the same denominator.

Lesson:

<https://vimeo.com/402858285>

When it asks to pause and complete a question, look at the worksheet 😊



Key vocabulary: fraction equal equivalent add numerator denominator

Tuesday 19th May 2020

L.O. I am learning to add fractions.

Complete as much of the worksheet as you can. Print the worksheet or write down your answers on paper and send a photo.

Add fractions

1 Complete the additions.
Use the bar models to help you.

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

b) $\frac{1}{5} + \frac{1}{5} = \square$

c) $\frac{1}{5} + \frac{2}{5} = \square$

d) $\frac{1}{5} + \frac{3}{5} = \square$

2 Shade the circles and complete the additions.

a) $\frac{1}{8} + \frac{3}{8} = \square$

b) $\frac{5}{8} + \frac{1}{8} = \square$

3 Complete the part-whole models.

a) $\frac{2}{9} + \frac{2}{9} = \square$

b) $\frac{1}{6} + \frac{3}{6} = \square$

c) $\frac{1}{6} + \frac{5}{6} = \square$

Which part-whole model is the odd one out? _____
Talk about your choice with a partner. Did they choose the same odd one out?

4 Alex and Huan are eating a cake.
Alex eats $\frac{4}{7}$ of the cake.
Huan eats $\frac{2}{7}$ of the cake.
What fraction of the cake have they eaten altogether?

They have eaten \square of the cake altogether.

5 Teddy is adding fractions.

$\frac{1}{4} + \frac{2}{4} = \frac{3}{8}$

a) Draw a bar model to show that Teddy is wrong.

b) Complete the addition $\frac{1}{4} + \frac{2}{4} = \square$

6 Annie has baked 12 muffins.
She puts them into 2 boxes.
What fraction of the muffins could she put in each box?
Complete the table to show different possibilities.
One has been done for you.

Box 1	Box 2
$\frac{1}{12}$	$\frac{11}{12}$

Are there any other possibilities? Talk about it with a partner.

7 Complete the additions.

a) $\frac{3}{8} + \frac{4}{8} = \square$

b) $\frac{3}{9} + \frac{4}{9} = \square$

c) $\frac{3}{29} + \frac{4}{29} = \square$

d) $\frac{3}{103} + \frac{4}{103} = \square$

e) $\frac{5}{31} + \frac{9}{31} = \square$

f) $\frac{17}{111} + \frac{33}{111} = \square$

Key vocabulary: fraction equal equivalent add numerator denominator



Challenges:

$$\frac{1}{5} + \frac{2}{5} = \frac{\square}{5}$$

$$\frac{2}{7} + \frac{3}{7} + \frac{1}{7} = \frac{\square}{\square}$$

$$\frac{7}{10} + \frac{\square}{\square} = \frac{9}{10}$$

Rosie and Whitney are solving:

$$\frac{4}{7} + \frac{2}{7}$$

Rosie says,



The answer is $\frac{6}{7}$

Whitney says,



The answer is $\frac{6}{14}$

Who do you agree with?
Explain why.

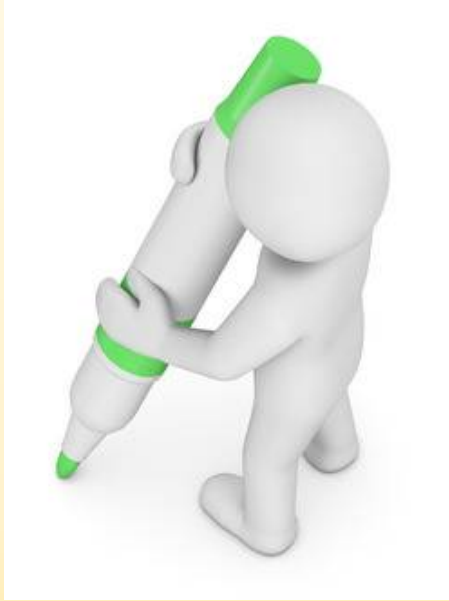
Mo and Teddy share these chocolates.



They both eat an odd number of chocolates.

Complete this number sentence to show what fraction of the chocolates they each could have eaten.

$$\frac{\square}{\square} + \frac{\square}{\square} = \frac{12}{12}$$



Well done!

Now it's time to check your work.



Add fractions


Check your answers.

If you make a mistake, try and work out where it went wrong.


1 Complete the additions.

Use the bar models to help you.

a)  $\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$

b)  $\frac{1}{5} + \frac{1}{5} = \frac{2}{5}$

c)  $\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$

d)  $\frac{1}{5} + \frac{3}{5} = \frac{4}{5}$

2 Shade the circles and complete the additions.



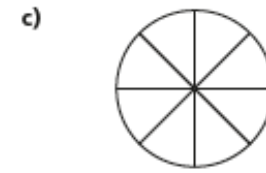
$$\frac{1}{8} + \frac{3}{8} = \frac{4}{8}$$

4 parts shaded



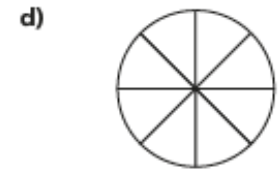
$$\frac{5}{8} + \frac{1}{8} = \frac{6}{8}$$

6 parts shaded



$$\frac{3}{8} + \frac{3}{8} = \frac{6}{8}$$

6 parts shaded

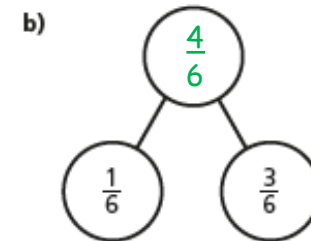
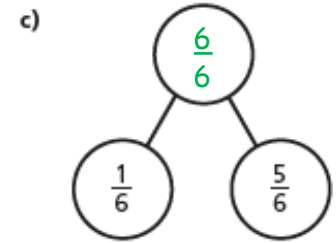
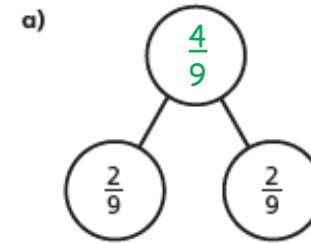


$$\frac{5}{8} + \frac{3}{8} = \frac{8}{8}$$

Or 1 whole

8 parts shaded

3 Complete the part-whole models.



Which part-whole model is the odd one out? Any which you can explain

Talk about your choice with a partner. Did they choose the same odd one out?



Check your answers.

If you make a mistake, try and work out where it went wrong.

- 4 Alex and Huan are eating a cake.

Alex eats $\frac{4}{7}$ of the cake.

Huan eats $\frac{2}{7}$ of the cake.

What fraction of the cake have they eaten altogether?

$$\frac{4}{7} + \frac{2}{7} = \frac{6}{7}$$

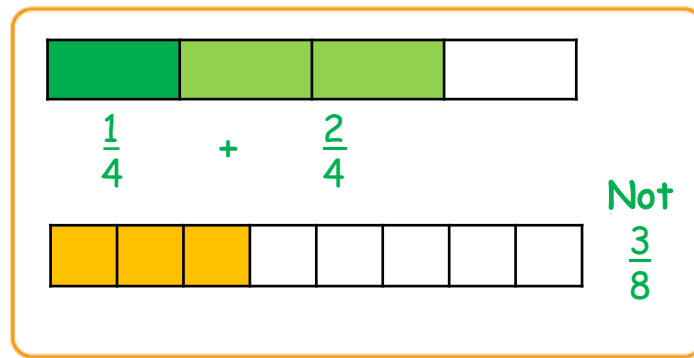
They have eaten $\frac{6}{7}$ of the cake altogether.

- 5 Teddy is adding fractions.



$$\frac{1}{4} + \frac{2}{4} = \frac{3}{8}$$

- a) Draw a bar model to show that Teddy is wrong.



- b) Complete the addition $\frac{1}{4} + \frac{2}{4} = \frac{3}{4}$

- 6 Annie has baked 12 muffins.

She puts them into 2 boxes.



What fraction of the muffins could she put in each box?

Complete the table to show different possibilities.

One has been done for you.

Box 1	Box 2
$\frac{1}{12}$	$\frac{11}{12}$
$\frac{2}{12}$	$\frac{10}{12}$
$\frac{3}{12}$	$\frac{9}{12}$
$\frac{4}{12}$	$\frac{8}{12}$
$\frac{5}{12}$	$\frac{7}{12}$
$\frac{6}{12}$	$\frac{6}{12}$

Are there any other possibilities? Talk about it with a partner.

- 7 Complete the additions.

a) $\frac{3}{8} + \frac{4}{8} = \frac{7}{8}$

d) $\frac{3}{103} + \frac{4}{103} = \frac{7}{103}$

b) $\frac{3}{9} + \frac{4}{9} = \frac{7}{9}$

e) $\frac{5}{31} + \frac{9}{31} = \frac{14}{31}$

c) $\frac{3}{29} + \frac{4}{29} = \frac{7}{29}$

f) $\frac{17}{111} + \frac{33}{111} = \frac{50}{111}$



Check your answers.

If you make a mistake, try and work out where it went wrong.

$$\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$$

$$\frac{2}{7} + \frac{3}{7} + \frac{1}{7} = \frac{6}{7}$$

$$\frac{7}{10} + \frac{2}{10} = \frac{9}{10}$$

Rosie is correct.
Whitney has made the mistake of also adding the denominators.
Children could prove why Whitney is wrong using a bar model or strip diagram.

Possible answers:

$$\frac{1}{12} + \frac{11}{12}$$

$$\frac{3}{12} + \frac{9}{12}$$

$$\frac{5}{12} + \frac{7}{12}$$

(In either order)

Wednesday 20th May 2020

L.O. I am learning to subtract
fractions.

Key vocabulary: fraction equal equivalent subtract numerator denominator

Wednesday 20th May 2020

L.O. I am learning to subtract fractions.


Today's video shows us how to subtract fractions with the same denominator in different ways.

Lesson:

<https://vimeo.com/405758809>

When it asks to pause and complete a question, look at the worksheet 😊

$\frac{5}{8}$ of the people in the crowd at a concert are children. are boys. What fraction are girls?

Have a go 

White Rose Maths

The worksheet displays a grid of 12 fraction diagrams. Each diagram consists of a large circle representing a whole, divided into 8 equal segments. Above the circle is a fraction $\frac{5}{8}$. Below the circle are two smaller circles, one labeled 'boys' and one labeled 'girls', each containing a fraction and a bar chart with 8 segments. The diagrams show different ways to subtract fractions from $\frac{5}{8}$ to reach a total of $\frac{5}{8}$ in the large circle. For example, the first diagram shows $\frac{1}{8}$ boys and $\frac{4}{8}$ girls. The second shows $\frac{3}{8}$ boys and $\frac{2}{8}$ girls. The third shows $\frac{5}{8}$ boys and $\frac{0}{8}$ girls. The fourth shows $\frac{2}{8}$ boys and $\frac{3}{8}$ girls. The fifth shows $\frac{4}{8}$ boys and $\frac{1}{8}$ girls. The sixth shows $\frac{0}{8}$ boys and $\frac{5}{8}$ girls.

Key vocabulary: fraction equal equivalent subtract numerator denominator


Wednesday 20th May 2020

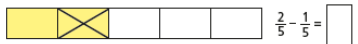
L.O. I am learning to subtract fractions.


Complete as much of the worksheet as you can. Print the worksheet or write down your answers on paper and send a photo.

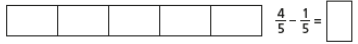
Subtract fractions

1 Complete the subtractions.
Use the bar models to help you.

a)  $\frac{2}{3} - \frac{1}{3} = \square$

b)  $\frac{2}{5} - \frac{1}{5} = \square$

c)  $\frac{3}{5} - \frac{1}{5} = \square$

d)  $\frac{4}{5} - \frac{1}{5} = \square$

2 Jack has $\frac{7}{8}$ of a chocolate bar.
He eats $\frac{4}{8}$ of the chocolate bar.
What fraction of the chocolate bar does he have left?

Jack has \square of the chocolate bar left.

3 Complete the subtractions.
Simplify your answers where possible.

a) $\frac{7}{10} - \frac{1}{10} = \square = \square$

b) $\frac{7}{10} - \frac{2}{10} = \square = \square$

c) $\frac{7}{10} - \frac{3}{10} = \square = \square$

d) $\frac{7}{12} - \frac{3}{12} = \square = \square$

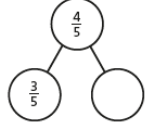
e) $\frac{8}{12} - \frac{4}{12} = \square = \square$

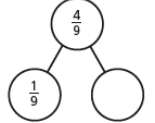
f) $\frac{9}{12} - \frac{5}{12} = \square = \square$

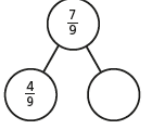
g) $\frac{9}{59} - \frac{5}{59} = \square$

h) $\frac{13}{127} - \frac{9}{127} = \square$

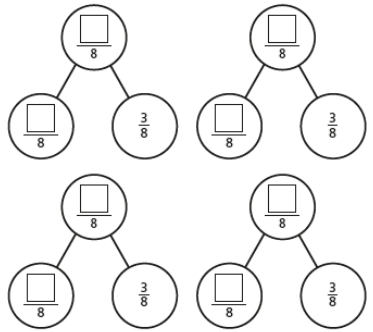
4 Complete the part-whole models.

a) 

b) 

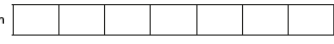
c) 

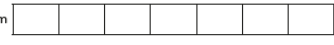
5 Complete the part-whole model in four different ways.



6 Kim has read $\frac{6}{7}$ of her book.
Tom has read $\frac{2}{7}$ of his book.

a) Shade the bar models to represent this information.

Kim 

Tom 

b) How much more has Kim read than Tom?
Kim has read \square more of her book than Tom.

7 Write the missing numerators.

a) $\frac{8}{9} - \frac{\square}{9} = \frac{7}{9}$

b) $\frac{5}{11} - \frac{\square}{11} = \frac{4}{11}$

c) $\frac{8}{9} - \frac{\square}{9} = \frac{3}{9} + \frac{4}{9}$

d) $\frac{7}{9} - \frac{5}{9} = \frac{\square}{9} - \frac{4}{9}$

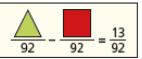
e) $\frac{7}{10} - \frac{5}{10} = \frac{1}{10} + \frac{\square}{10}$



f) $\frac{\square}{4} - \frac{1}{4} = \frac{1}{4} + \frac{1}{4}$

g) $\frac{\square}{5} - \frac{2}{5} = \frac{1}{5} + \frac{2}{5}$

h) $\frac{4}{5} + \frac{1}{5} = \frac{3}{7} - \frac{2}{7} + \frac{\square}{7}$

8 Complete the table to show three possible values of the square and triangle.



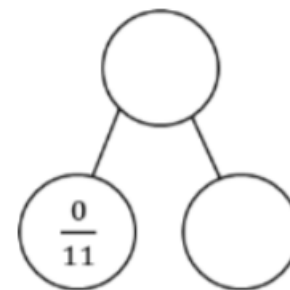
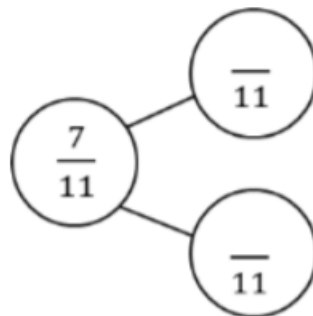
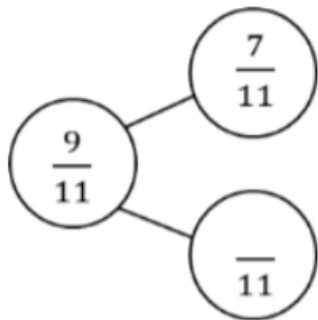
How many other answers can you find?

Key vocabulary: fraction equal equivalent subtract numerator denominator



Challenges:

Can you write fact families for each model?



Find the missing fractions:

$$\frac{7}{7} - \frac{3}{7} = \frac{2}{7} + \frac{\square}{7}$$

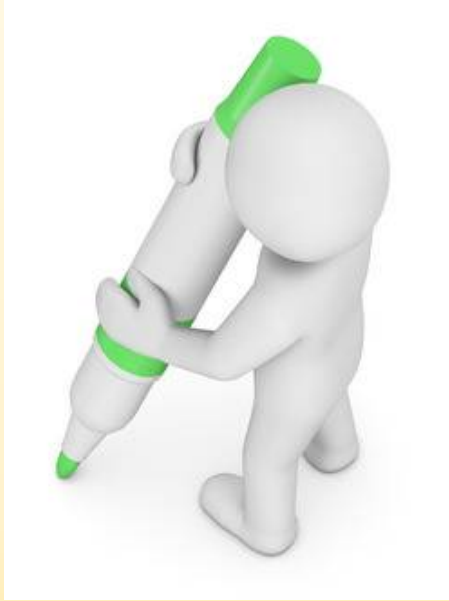
$$\frac{\square}{9} - \frac{5}{9} = \frac{4}{9} - \frac{2}{9}$$

Jack and Annie are solving $\frac{4}{5} - \frac{2}{5}$

Jack's method:

Annie's method:

They both say the answer is two fifths.
Can you explain how they have found their answers?



Well done!

Now it's time to check your work.




Check your answers.


If you make a mistake, try and work out where it went wrong.


Subtract fractions


1 Complete the subtractions.

Use the bar models to help you.

a)  $\frac{2}{3} - \frac{1}{3} = \frac{1}{3}$

b)  $\frac{2}{5} - \frac{1}{5} = \frac{1}{5}$

c)  $\frac{3}{5} - \frac{1}{5} = \frac{2}{5}$

d)  $\frac{4}{5} - \frac{1}{5} = \frac{3}{5}$

2 Jack has $\frac{7}{8}$ of a chocolate bar.

He eats $\frac{4}{8}$ of the chocolate bar.

What fraction of the chocolate bar does he have left?

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

Jack has $\frac{3}{8}$ of the chocolate bar left.

3 Complete the subtractions.

Simplify your answers where possible.

a) $\frac{7}{10} - \frac{1}{10} = \frac{6}{10} = \frac{3}{5}$

e) $\frac{8}{12} - \frac{4}{12} = \frac{4}{12} = \frac{1}{3}$

b) $\frac{7}{10} - \frac{2}{10} = \frac{5}{10} = \frac{1}{2}$

f) $\frac{9}{12} - \frac{5}{12} = \frac{4}{12} = \frac{1}{3}$

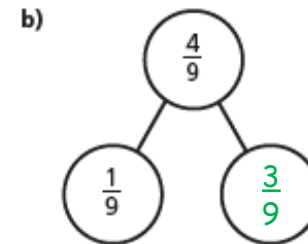
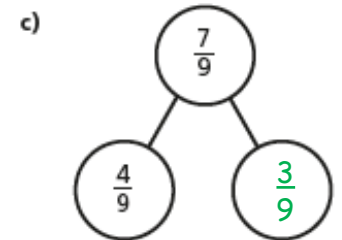
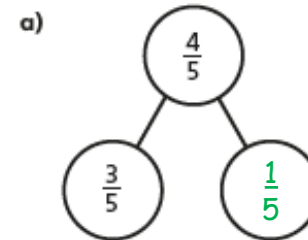
c) $\frac{7}{10} - \frac{3}{10} = \frac{4}{10} = \frac{2}{5}$

g) $\frac{9}{59} - \frac{5}{59} = \frac{4}{59}$

d) $\frac{7}{12} - \frac{3}{12} = \frac{4}{12} = \frac{1}{3}$

h) $\frac{13}{127} - \frac{9}{127} = \frac{4}{127}$

4 Complete the part-whole models.

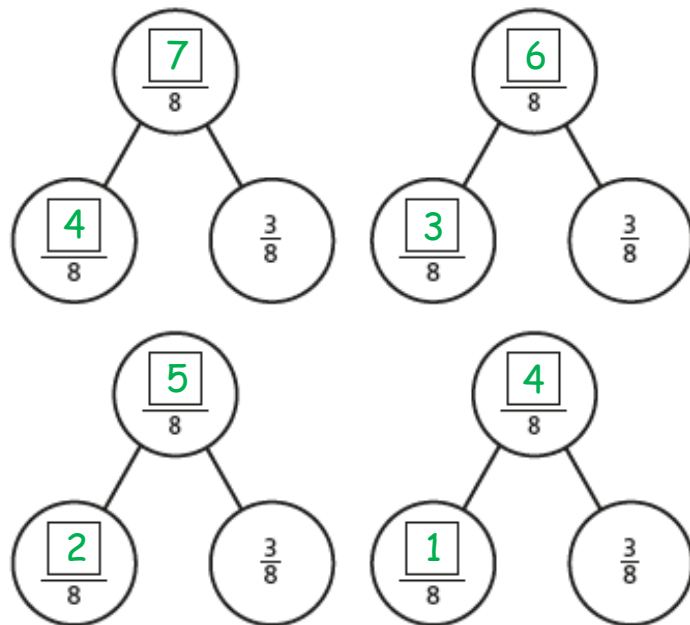




Check your answers.

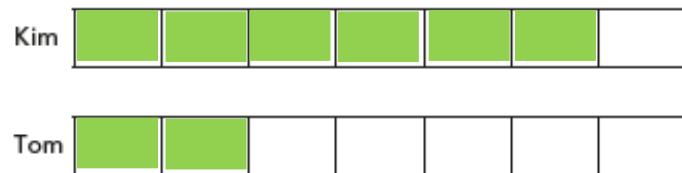
If you make a mistake, try and work out where it went wrong.

- 5 Complete the part-whole model in four different ways.



- 6 Kim has read $\frac{6}{7}$ of her book.
Tom has read $\frac{2}{7}$ of his book.

- a) Shade the bar models to represent this information.



- b) How much more has Kim read than Tom?

Kim has read $\frac{4}{7}$ more of her book than Tom.

- 7 Write the missing numerators.

a) $\frac{8}{9} - \frac{\boxed{1}}{9} = \frac{7}{9}$

e) $\frac{7}{10} - \frac{5}{10} = \frac{1}{10} + \frac{\boxed{1}}{10}$

b) $\frac{5}{11} - \frac{\boxed{1}}{11} = \frac{4}{11}$

f) $\frac{\boxed{3}}{4} - \frac{1}{4} = \frac{1}{4} + \frac{1}{4}$

c) $\frac{8}{9} - \frac{\boxed{1}}{9} = \frac{3}{9} + \frac{4}{9}$

g) $\frac{\boxed{5}}{5} - \frac{2}{5} = \frac{1}{5} + \frac{2}{5}$

d) $\frac{7}{9} - \frac{5}{9} = \frac{\boxed{6}}{9} - \frac{4}{9}$

h) $\frac{4}{5} + \frac{1}{5} = \frac{3}{7} - \frac{2}{7} + \frac{\boxed{4}}{7}$

- 8 Complete the table to show three possible values of the square and triangle.

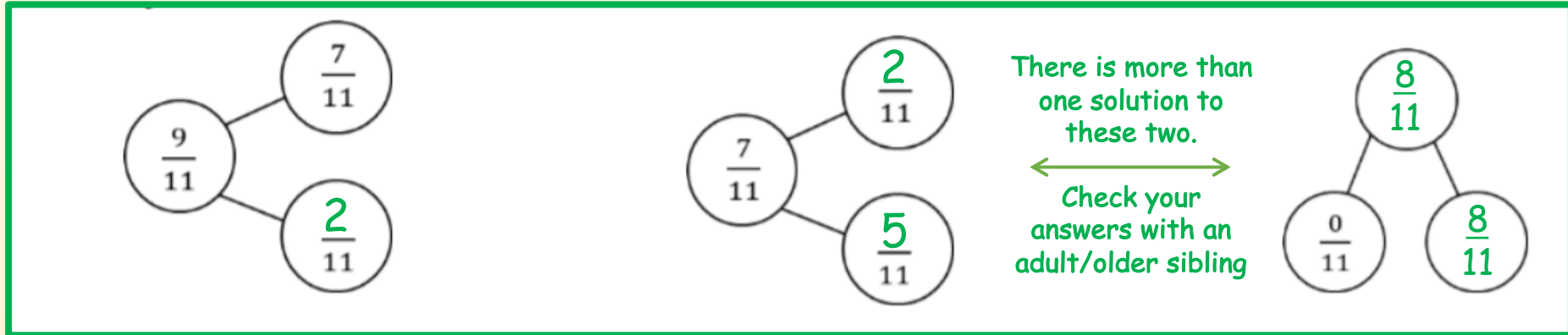
Any suitable value that subtract to equal 13.	

How many other answers can you find?



Check your answers.

If you make a mistake, try and work out where it went wrong.



$$\frac{7}{7} - \frac{3}{7} = \frac{2}{7} + \frac{2}{7}$$

$$\frac{7}{9} - \frac{5}{9} = \frac{4}{9} - \frac{2}{9}$$

Jack has taken two fifths away.
Annie has found the difference between four fifths and two fifths.

Thursday 21st May 2020

L.O. I am learning to solve
problems involving fractions (1).

Key vocabulary: fraction equal equivalent add subtract numerator denominator

Thursday 21st May 2020



L.O. I am learning to solve problems involving fractions (1).

Today's video shows us how to problem solve,
working out problems involving fractions.

Lesson:

<https://vimeo.com/405759047>

When it asks to pause and
complete a question, look at
the worksheet 😊

Problem Solving  Your turn 


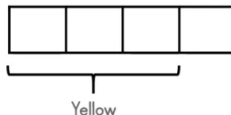
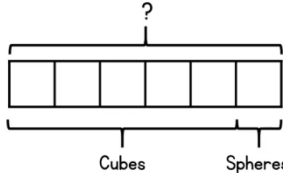
A box is full of spheres and cubes.

$\frac{5}{6}$ of the shapes are cubes.

$\frac{3}{4}$ of the cubes are yellow.

There are 60 yellow cubes in the box.

How many shapes are there in total?



Key vocabulary: fraction equal equivalent add subtract numerator denominator

Thursday 21st May 2020


L.O. I am learning to solve problems involving fractions (1).

Complete as much of the worksheet as you can. Print the worksheet or write down your answers on paper and send a photo.

Problem Solving

II Your turn

1 The jug is $\frac{4}{7}$ full.



It needs 72 ml more to be full.

How much water can the jug hold in total?

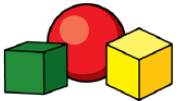
2 A box is full of spheres and cubes.

$\frac{5}{6}$ of the shapes are cubes.

$\frac{3}{4}$ of the cubes are yellow.

There are 60 yellow cubes in the box.

How many shapes are there in total?



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Problem Solving

II Your turn

3 Complete the calculations.

$$\text{Yellow Circle} - \text{Green Triangle} = 11$$
$$\text{Yellow Circle} + \text{Yellow Circle} + \text{Yellow Circle} + \text{Yellow Circle} = 96$$
$$\text{Red Square} + \text{Yellow Circle} + \text{Green Triangle} =$$
$$\text{Green Triangle} + \text{Red Square} = 16$$

4 An apple and banana cost the same as two pears.

Three pears cost £1.20

A pear costs 12p more than an apple.

What is the cost of a banana?

© White Rose Maths 2019

Key vocabulary: fraction equal equivalent add subtract numerator denominator



I will check your work for you.



Send me your answers on Google Classroom to check.

Or you can write your answers down and send me a photo on Google Classroom, whatever is easier 😊

Friday 22nd May 2020

L.O. I am learning to solve
problems involving fractions (2).

Key vocabulary: fraction equal equivalent add subtract numerator denominator

Friday 22nd May 2020



L.O. I am learning to solve problems involving fractions (2).

Today's video shows us how to problem solve,
working out problems involving fractions.

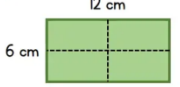
Lesson:

<https://vimeo.com/410510428>


When it asks to pause and
complete a question, look at
the worksheet 😊

Problem Solving  Your turn 

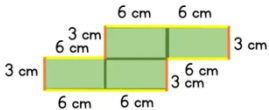
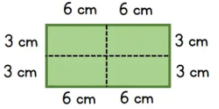
A rectangle has a length of 12 cm
and a width of 6 cm.
It is cut in quarters like shown
below.



The four parts are put together to
make the following shape.



What is the perimeter of the new
shape?


$$6 \text{ cm} \times 6 = 36 \text{ cm}$$
$$3 \text{ cm} \times 4 = \underline{12 \text{ cm}} +$$

Key vocabulary: fraction equal equivalent add subtract numerator denominator

Friday 22nd May 2020

L.O. I am learning to solve problems involving fractions (2).

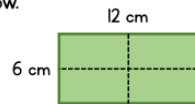
Complete as much of the worksheet as you can. Print the worksheet or write down your answers on paper and send a photo.

Problem Solving

|| Your turn



- 1 A rectangle has a length of 12 cm and a width of 6 cm. It is cut in quarters like shown below.

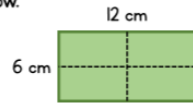


The four parts are put together to make the following shape.



What is the perimeter of the new shape?

- 2 A rectangle has a length of 12 cm and a width of 6 cm. It is cut in quarters like shown below.



The four parts are put together to make the following shape.



What other perimeters could be made?

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Problem Solving

|| Your turn



- 3 There are 81 red, blue and yellow counters in total.

There are 9 more red counters than yellow ones.

There are the same amount of yellow and blue counters.

How many of each colour are there?



- 4 There are 81 red, blue and yellow counters in total.

There are 9 more red counters than yellow ones.

There are the same amount of red and blue counters.

How many of each colour are there?



© White Rose Maths 2019

Key vocabulary: fraction equal equivalent add subtract numerator denominator



I will check your work for you.



Send me your answers on Google Classroom to check.

Or you can write your answers down and send me a photo on Google Classroom, whatever is easier 😊