



Lesson 4 WALT assess our fraction knowledge



LET'S LEARN

WALT explore decimals up to two decimal points

# WEEK 10 - MATHS

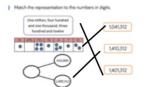




# A reminder about presentation! This is a page in your book

#### 05/09/2018

WALT order and compare numbers



(Any workings would go here, alongside my question)

I linked the dots to the top number as it was the only one that had a 0 in the HTH column, which matched the image.

06/09/2018

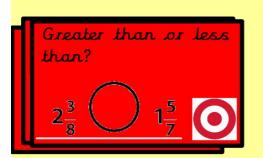
WALT reason and problem solve

WALT convert between mixed numbers and improper fractions

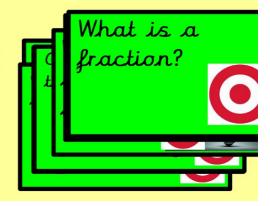
We've learnt lots this week on fractions. Let's take a minute to remember everything!

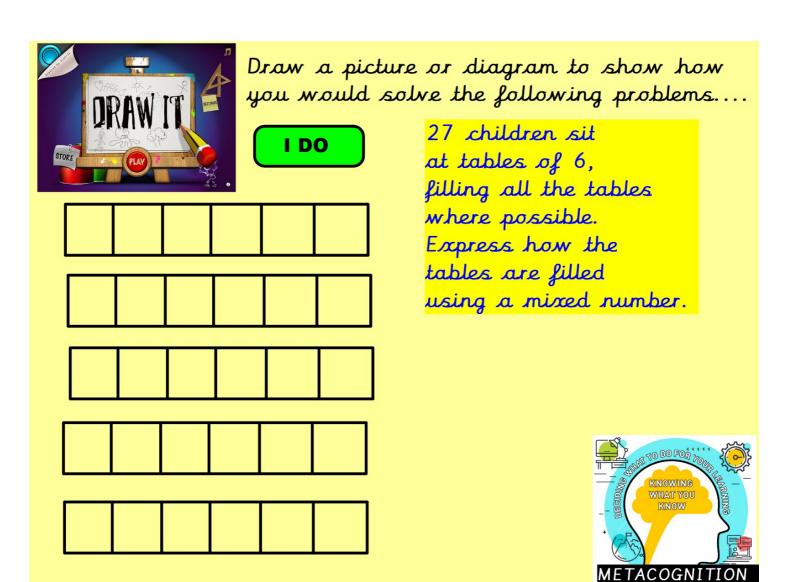


Pick a card. Any card!











Draw a picture or diagram to show how you would solve the following problems....

27 children sit
at tables of 6,
filling all the tables
where possible.
Express how the
tables a 4 3/6 or 4 1/2

Mr Quick has asked
2 pupils to sort 73
tennis balls into
baskets of 10 balls,
filling the baskets where
possible.
Express how the baskets

Express how the baskets are filled using a mixed number.

A pizza van sells pizza slices.

Each slice is one quarter of a pizza.

At the end of the day the pizza seller

works out how many pizzas he has left.

On one day he has 9 pieces.

How many pizzas does he have left?



Draw a picture or diagram to show how you would solve the following problems....

#### YOU DO

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# WALT convert between mixed numbers and improper fractions

Write down any mixed number that is equivalent to the improper fraction.

 $\frac{13}{3}$   $2\frac{2}{3}$   $4\frac{1}{3}$   $5\frac{1}{3}$   $4\frac{2}{3}$   $2\frac{2}{3}$ 



YOU DO

EXTENSION: draw a diagram to prove it. IOHP for accurately drawn bar model or part/whole mode

# WALT convert between mixed numbers and improper fractions ANSWERS

<u>13</u> 3	$2\frac{2}{3}$	$4\frac{1}{3}$	5 1/3	4 2/3	$2\frac{2}{3}$
1 <u>4</u>	$3\frac{2}{4}$	4 1/2	$3\frac{1}{2}$	4 1/4	$2\frac{1}{2}$
16 10	1 4/10	1 2/5	$1\frac{3}{5}$	$\left(\frac{6}{10}\right)$	1 8/10
14 4 16 10 20 6 19 5	$2\frac{2}{3}$	$3\frac{2}{6}$	$3\frac{2}{3}$	$2\frac{1}{3}$	$3\frac{1}{3}$
<u>19</u> 5	4 1/5	4 2/5	$3\frac{4}{5}$	3 3/5	5 1/5

### WALT convert between mixed numbers and improper fractions

2) Write the following improper fractions as mixed numbers.

f) 
$$\frac{14}{5} =$$
\_\_\_\_\_

k) 
$$\frac{23}{10} =$$
\_\_\_\_\_

b) 
$$\frac{5}{2} =$$
\_\_\_\_\_

g) 
$$\frac{16}{3} =$$
\_\_\_\_\_

$$\frac{19}{4} =$$
\_\_\_\_\_\_

c) 
$$\frac{21}{6} =$$
 h)  $\frac{17}{8} =$ 

h) 
$$\frac{17}{8}$$
 =

m) 
$$\frac{19}{7} =$$
\_\_\_\_\_

d) 
$$\frac{34}{10} =$$
 i)  $\frac{22}{9} =$ 

i) 
$$\frac{22}{9} =$$
\_\_\_\_\_\_

n) 
$$\frac{21}{5} =$$
\_\_\_\_\_

e) 
$$\frac{31}{4} =$$
\_\_\_\_\_

e) 
$$\frac{31}{4} = ______$$
 j)  $\frac{27}{12} = ______$ 

o) 
$$\frac{30}{6} =$$
\_\_\_\_\_

#### WALT convert between mixed numbers and improper fractions

a) 
$$\frac{22}{3} = \frac{7\frac{1}{3}}{3}$$

f) 
$$\frac{14}{5} = 2\frac{4}{5}$$

k) 
$$\frac{23}{10} = 2\frac{3}{10}$$

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

b) 
$$\frac{5}{2} = 2\frac{1}{2}$$
 g)  $\frac{16}{3} = 5\frac{1}{3}$ 

1) 
$$\frac{19}{4} = \frac{43}{4}$$

c) 
$$\frac{21}{6} = \frac{3\frac{1}{2} \text{ or } 3\frac{3}{6}}{8}$$
 h)  $\frac{17}{8} = \frac{2\frac{1}{8}}{8}$ 

h) 
$$\frac{17}{8} = \frac{2\frac{1}{8}}{8}$$

m) 
$$\frac{19}{7} = \frac{2\frac{5}{7}}{7}$$

d) 
$$\frac{34}{10} = \frac{3\frac{4}{10} \text{ or } 3\frac{2}{5}}{5}$$
 i)  $\frac{22}{9} = \frac{2\frac{4}{9}}{5}$ 

i) 
$$\frac{22}{9} = \frac{2\frac{4}{9}}{1}$$

n) 
$$\frac{21}{5} = \frac{4\frac{1}{5}}{}$$

e) 
$$\frac{31}{4} = 7\frac{3}{4}$$

j) 
$$\frac{27}{12} = \frac{2\frac{3}{12}}{12}$$

o) 
$$\frac{30}{6} = 5$$

#### Lesson 5

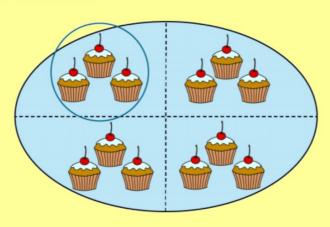
# WALT: explore equivalent fractions

Two friends, Sahib and Jess, share 12 cakes.

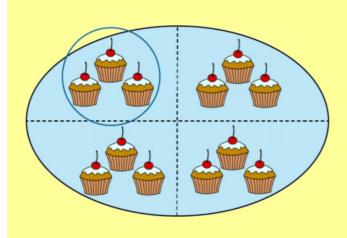
Jess eats three twelths of the cake.

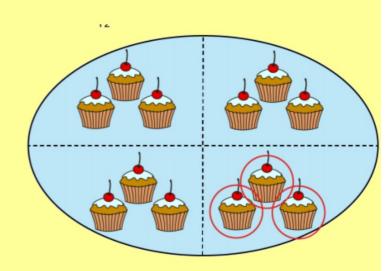
Sahib eats one quarter of the cakes.

Sahib says that Jess ate more cakes them him. Jess says that they ate the same amount. Who is correct?



# WALT: explore equivalent fractions

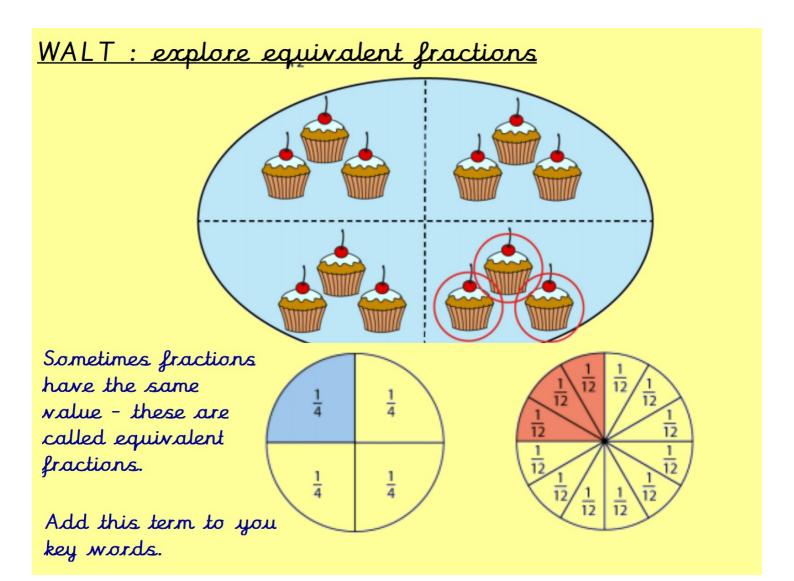




Jess eats three twelths of the cake.

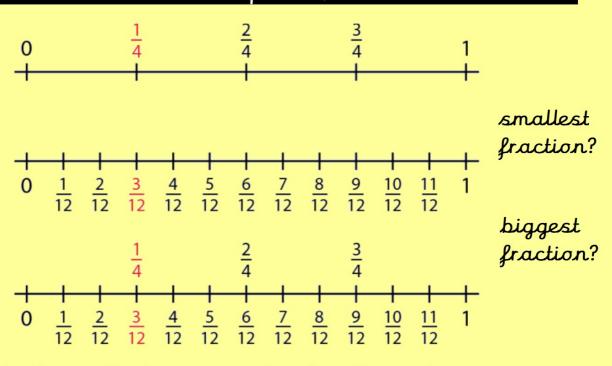
Sahib eats one quarter 1 of the cakes. 4

SA

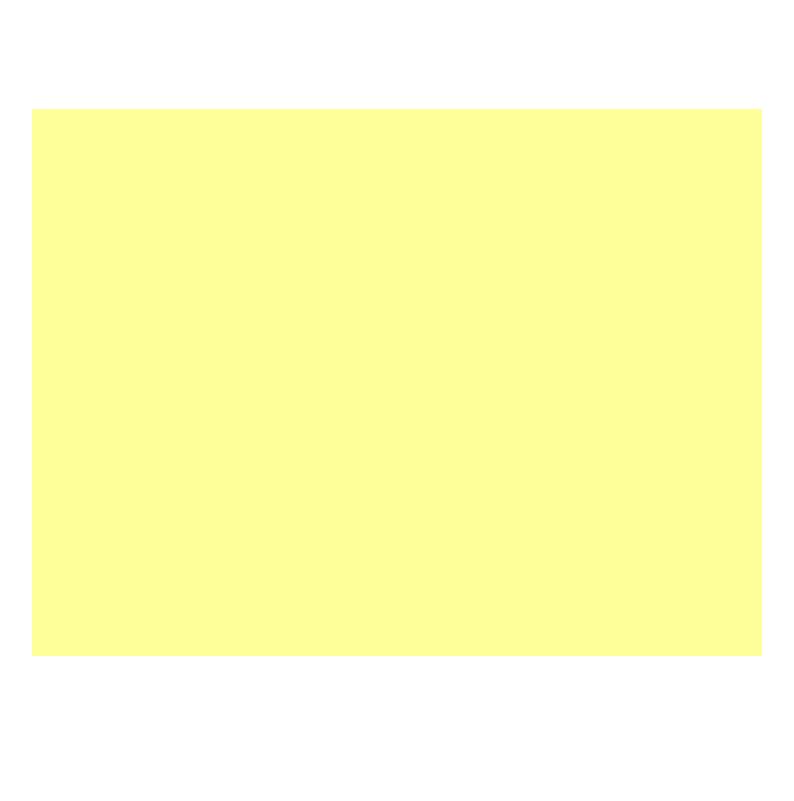


## WALT: explore equivalent fractions

When using a number line with fractions, remember to count the spaces, not the lines!



We already know that one quarter is of equal value to three twelfths - what other equivalent fractions can you see?

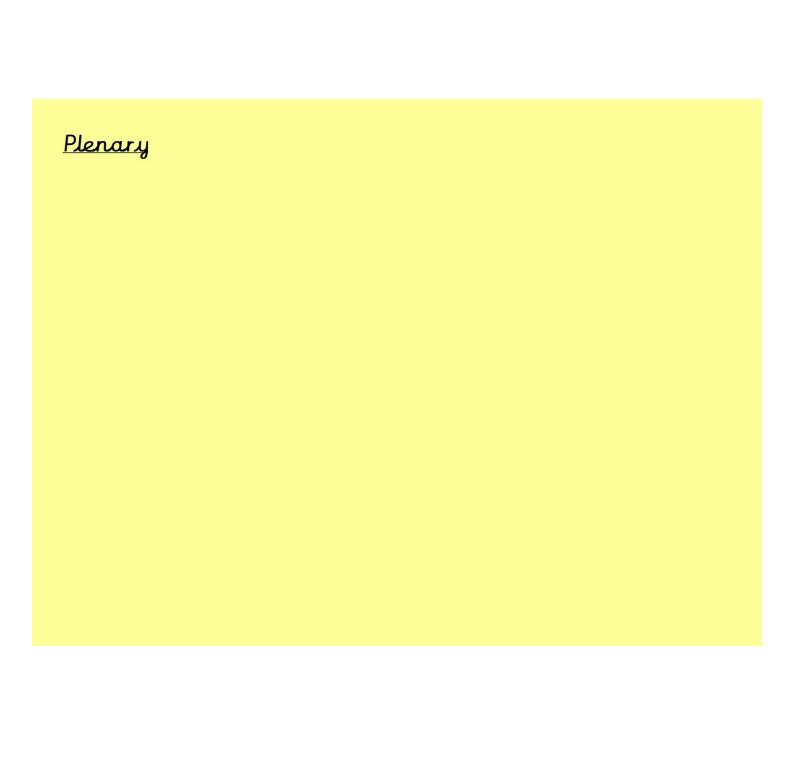


LET'S LEARN

I DO







#### Lesson 2

### WALT Calculate

fractions of a quanitiy

## Mega Challenge

Use < > or = to make the statement below correct

$$\frac{3}{4}$$
  $\frac{9}{12}$ 

Order these fractions

$$\frac{2}{5}$$
,  $\frac{5}{15}$ ,  $\frac{3}{10}$  largest to smallest

Fill in the missing fraction

$$\frac{1}{3} = \frac{2}{3} = \frac{3}{9}$$

Vocabulary

fractions
equal
part
whole
numerator
denominator
unitary fraction

#### WALT Calculate fractions of a quantity

Use < > or = to make the Order these fractions statement below correct

$$\frac{3}{4} = \frac{9}{12}$$

Fill in the missing fraction

$$\frac{1}{3} = \frac{2}{6} = \frac{3}{9}$$

If you correctly answered all of the mega challenge question, move on to the class questions.

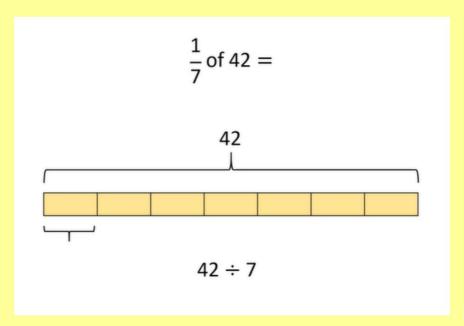
If you did not answer all the mega challenge correctly, stay with me to learn more.

Class questions - see next slide! REASON AND PEER MARK FOR EVERY QUESTION!

#### WALT Calculate fractions of a quanitiy Do it! Reason it! Peer Mark it! The mass of one piece is g. c) $\frac{1}{10}$ of 20 = f) $\frac{1}{8}$ of 80 = b) Filip eats $\frac{3}{5}$ of the bar of chocolate c) $\frac{1}{8}$ of 32 = $\frac{1}{2}$ of 16 $\frac{1}{4}$ of 24 $\frac{2}{3}$ of 9 $\frac{3}{2}$ of 4 $\frac{1}{6}$ of 48 a) $\frac{1}{4}$ of 24 = Filip eats g $\frac{3}{4}$ of 24 = 5/8 of 32 = b) 1/7 of 35 = d) $\frac{5}{8}$ of 64 = 3/7 of 35 = $\frac{7}{8}$ of 64 = $\frac{10}{8}$ of 64 = 2/3 of 18 a) $\frac{2}{7}$ of 21 $\frac{2}{3}$ of 21 Use the reasoning b) $\frac{3}{5}$ of 40 $\frac{2}{3}$ of 36 5/6 of 18 sheet to help you c) $\frac{6}{8}$ of 40 $\frac{3}{4}$ of 40 d) $\frac{6}{10}$ of 50 $\frac{3}{10}$ of 100 9 of 20 if you need it. 4/5 of 20

# WALT Calculate fractions of a quanity

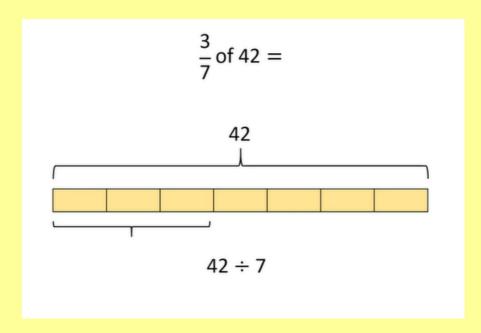




I DO

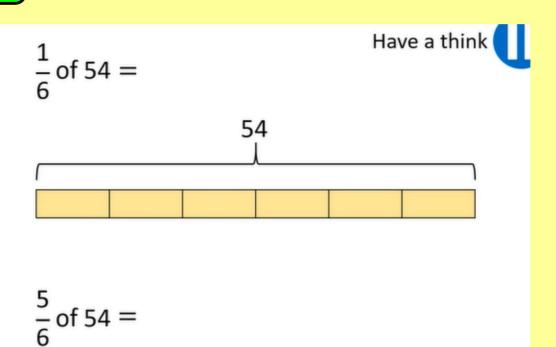
# WALT Calculate fractions of a quantity

WE DO



# WALT Calculate fractions of a quanity

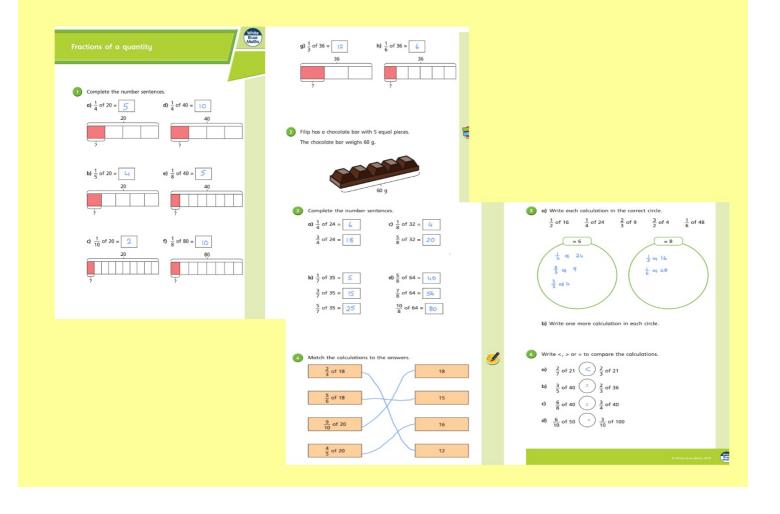
# YOU DO



#### WALT Calculate fractions of a quantity Do it! g) $\frac{1}{3}$ of 36 = h) $\frac{1}{6}$ of 36 = Reason it! a) $\frac{1}{4}$ of 20 = d) $\frac{1}{4}$ of 40 = Filip has a chocolate bar with 5 equal The chocolate bar weighs 60 g. Peer Mark it! The mass of one piece is g. b) Filip eats $\frac{3}{5}$ of the bar of chocolate. How many grams do $\begin{tabular}{ll} \hline \end{tabular} \begin{tabular}{ll} \end{tabular} \b$ $\frac{1}{2}$ of 16 $\frac{1}{4}$ of 24 $\frac{2}{3}$ of 9 $\frac{3}{2}$ of 4 $\frac{1}{6}$ of 48 a) $\frac{1}{4}$ of 24 = c) $\frac{1}{8}$ of 32 = 5/8 of 32 = Filip eats g of $\frac{3}{4}$ of 24 = **b)** $\frac{1}{7}$ of 35 = d) $\frac{5}{8}$ of 64 = $\frac{3}{7}$ of 35 = 7/8 of 64 = 10 of 64 = $\frac{5}{7}$ of 35 = Write <, > or = to compare the calculations. Use the reasoning a) $\frac{2}{7}$ of 21 $\frac{2}{3}$ of 21 2/3 of 18 sheet to help you b) $\frac{3}{5}$ of 40 $\frac{2}{3}$ of 36 $\frac{5}{6}$ of 18 c) $\frac{6}{8}$ of 40 $\frac{3}{4}$ of 40 if you need it. d) $\frac{6}{10}$ of 50 $\frac{3}{10}$ of 100 9 of 20

4/5 of 20

## Answers



# WALT Calculate fractions of a quantity

Plenary

True or false?

$$\frac{3}{8}$$
 of  $16 = 2$ 

#### Lesson 3

# WALT calculate fractions of an amount

## Mega Challenge

Convert these from mixed numbers to improper fractions:

 $3\frac{2}{5}$ 

 $2\frac{1}{6}$ 

A pizza has 8 slices. At a party, 2 full pizzas and 3 slices are left over.

Write this as an improper fraction.

Vocabulary

fractions
equal
part numerator denominator unitary fraction

Convert these from mixed numbers to improper fractions:

$$3\frac{2}{5} \frac{17}{5}$$

$$2\frac{1}{6}$$
 13

A pizza has 8 slices. At a party, 2 full pizzas and 3 slices are left over.

Write this as an improper fraction.

If you correctly answered <u>all</u> of the mega challenge question, move on to the class questions.

If you did not answer <u>all</u> the mega challenge correctly, stay with me to learn more.

Class questions - see next slide!
REASON AND PEER MARK FOR EVERY QUESTION!

#### WALT calculate fractions of an amount Do it! a) $\frac{1}{3}$ of 27 = b) $\frac{1}{3}$ of 72 = c) $\frac{1}{3}$ of 90 = $\frac{2}{3}$ of 27 = $\frac{1}{6}$ of 72 = $\frac{2}{6}$ of 90 = a) Annie is trying to find 1 of 45 Reason it! $\frac{3}{3}$ of 27 = $\frac{1}{12}$ of 72 = $\frac{3}{9}$ of 90 = Peer Mark it! b) Mo is trying to find $\frac{3}{5}$ of 45 2/3 of 48 What is $\frac{3}{5}$ of 45? $\frac{3}{4}$ of 80 $\frac{3}{8}$ of 160 $\frac{2}{3}$ of 90 $\frac{3}{4}$ of 100 a) $\frac{5}{7}$ of 56 $\frac{5}{8}$ of 56 c) $\frac{2}{3}$ of 63 $\frac{5}{8}$ of 64 Explain your choice. d) $\frac{7}{10}$ of 350 $\frac{5}{7}$ of 350 b) $\frac{4}{7}$ of 56 $\frac{5}{8}$ of 56 165 children and adults go on a school trip. Two thirds of the people are children. a) How many adults are on the school trip? Here is a pictogram showing the results. 00000 00000 000 b) $\frac{3}{5}$ of the children are boys. How many boys are on the school trip? mint choc chip c) 7/10 of the children have an apple for lunch. How many children do not have an apple for lunch?



Teacher to model reasoning

Spot and explain the mistake

$$\frac{13}{5} = 3\frac{3}{5}$$

		1/2 - 1	



$$\frac{6}{11}$$
 of 231  $>$   $\frac{10}{21}$  of 231

6 is more than half of 11 10 is less than half of 21

$$\frac{6}{11} > \frac{1}{2}$$

$$\frac{10}{21} < \frac{1}{2}$$

$$\frac{3}{4}$$
 of 308

$$\frac{3}{4}$$
 of 308  $\bigcirc$   $\frac{6}{7}$  of 308

$$\frac{1}{4}$$
 of 648  $\frac{7}{32}$  of 648

$$\frac{4}{9}$$
 of 90  $\frac{8}{9}$  of 45

**WE DO** 

Ron has some money.

He spends  $\frac{2}{5}$  of the money on a new football.

He has £24 left.

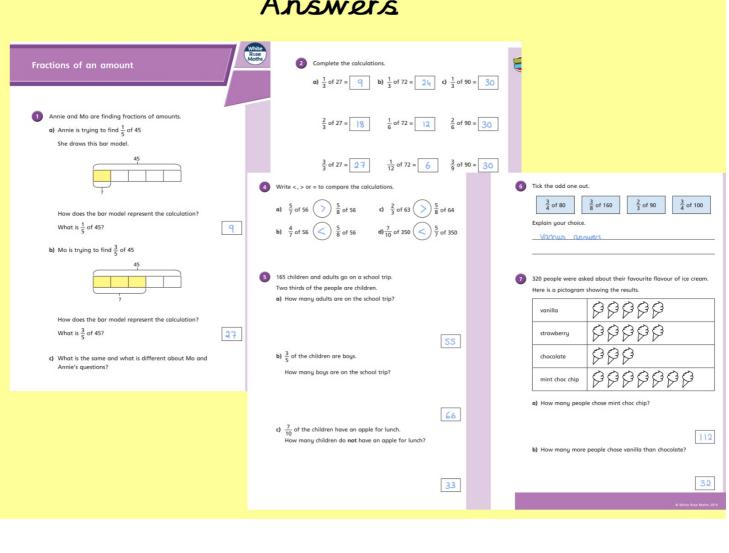
What is the cost of the football?



YOU DO

#### WALT calculate fractions of an amount Do it! a) $\frac{1}{3}$ of 27 = b) $\frac{1}{3}$ of 72 = c) $\frac{1}{3}$ of 90 = $\frac{2}{3}$ of 27 = $\frac{1}{6}$ of 72 = $\frac{2}{6}$ of 90 = a) Annie is trying to find 1 of 45 Reason it! $\frac{3}{3}$ of 27 = $\frac{1}{12}$ of 72 = $\frac{3}{9}$ of 90 = Peer Mark it! b) Mo is trying to find $\frac{3}{5}$ of 45 2/3 of 48 What is $\frac{3}{5}$ of 45? $\frac{3}{4}$ of 80 $\frac{3}{8}$ of 160 $\frac{2}{3}$ of 90 $\frac{3}{4}$ of 100 a) $\frac{5}{7}$ of 56 $\frac{5}{8}$ of 56 c) $\frac{2}{3}$ of 63 $\frac{5}{8}$ of 64 Explain your choice. d) $\frac{7}{10}$ of 350 $\frac{5}{7}$ of 350 b) $\frac{4}{7}$ of 56 $\frac{5}{8}$ of 56 165 children and adults go on a school trip. Two thirds of the people are children. a) How many adults are on the school trip? Here is a pictogram showing the results. 00000 00000 000 b) $\frac{3}{5}$ of the children are boys. How many boys are on the school trip? mint choc chip c) 7/10 of the children have an apple for lunch. How many children do not have an apple for lunch?

#### Answers



## WALT calculate fractions of an amount

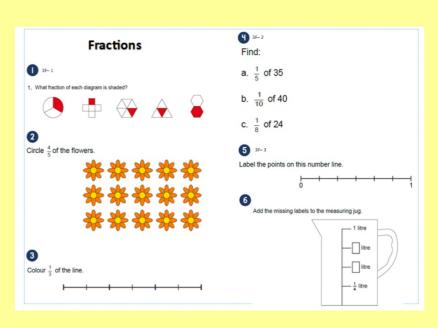
Plenary

$$\frac{2}{3}$$
 of 60 =  $\frac{1}{3}$  of 120

#### Lesson 4

# WALT assess our fraction knowledge

We are going to do the fractions quiz to see where we have improved



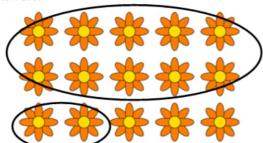
#### **Fractions**



1. What fraction of each diagram is shaded?



Circle  $\frac{4}{5}$  of the flowers.



Colour  $\frac{1}{3}$  of the line.

**4** 3F-2

Find:

a. 
$$\frac{1}{5}$$
 of 35

b. 
$$\frac{1}{10}$$
 of 40 4

c. 
$$\frac{1}{8}$$
 of 24 3

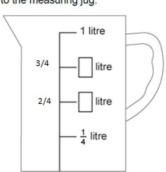
**5** 3F-3

6

Label the points on this number line.



Add the missing labels to the measuring jug.



Diego writes:

$$\frac{3}{12} + \frac{5}{12} = \frac{8}{12}$$

Mark writes:

$$\frac{3}{12} + \frac{5}{12} = \frac{8}{24}$$

Who is correct? Explain the mistake that has been made.

Diego is correct. Mistake: Mark has added the denominators



What are the values of a, b, c and d?

\= 1/7

3= 1 1/7

: 1 5/7





Which of these fractions are equivalent to a whole number? Explain how you know.





Fill in the missing numbers.

$2\frac{1}{7}$	$2\frac{4}{7}$	3	3 3/7	$3\frac{6}{7}$	4 2/7
,	,			, ,	

Find:

$$\frac{3}{8}$$
 of 32

$$\frac{2}{9}$$
 of 45

$$\frac{3}{5}$$
 of 30

24

Fill in the missing digits.

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

$$\frac{3}{5} = \frac{\square}{40}$$

$$\frac{3}{63} = \frac{21}{63}$$

$$\frac{20}{30} = \frac{10}{15}$$

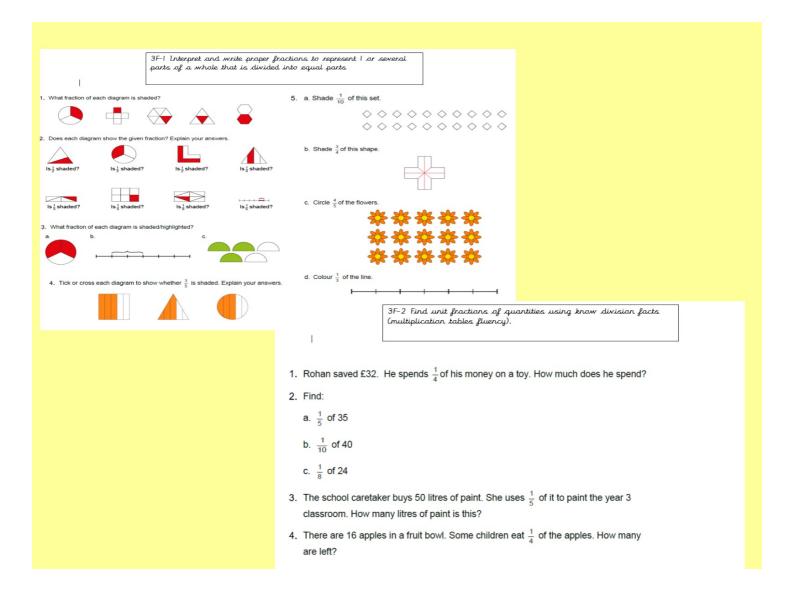
# WALT assess our fraction knowledge

You have now marked your fractions quiz

You need to choose two areas to work on based on this quiz for the lesson.



You need to look at the codes next to the question to choose the topics



3F-3 Reason about the location of any fraction within I in the linear number system

1. Label the points on this number line.

4. Gemma and Kasper look at this number line.

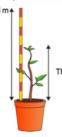


2. How tall is this plant? Give your answer as a fraction of a metre.

Gemma says the arrow is pointing to the number  $\frac{3}{4}$ 

Kasper says the arrow is pointing to the number  $\frac{3}{6}$ 

3F-4 Add and subtract fractions with the same denomination,



$$\frac{5}{12} + \frac{3}{12} = \frac{1}{12}$$

$$\frac{5}{12} + \frac{3}{12} = \frac{1}{12}$$

3. a. Which is larger,  $\frac{6}{8}$  or  $\frac{3}{8}$  ? Explain your answ b. Which is larger,  $\frac{1}{4}$  or  $\frac{1}{3}$ ? Explain your ans 2. Diego writes:

$$\frac{5}{14} + \frac{7}{14} = \frac{1}{14}$$

$$\frac{3}{12} + \frac{5}{12} = \frac{8}{12}$$

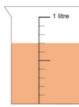
Mark writes:

$$\frac{3}{12} + \frac{5}{12} = \frac{8}{24}$$

3. Decide whether each calculation is correct or not. Explain your answers.

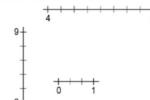
	Correct (✓) or incorrect (×)?	Explanation
$\frac{7}{12} - \frac{2}{12} = \frac{5}{12}$		
$\frac{4}{7} - \frac{2}{7} = \frac{2}{0}$		
$\frac{8}{10} - \frac{2}{10} - \frac{1}{10} = \frac{3}{10}$		
$\frac{7}{9} - \frac{7}{9} = 0$		
$\frac{5}{8} - \frac{2}{8} - \frac{2}{8} = \frac{1}{8}$		

4. Sofia had a jug containing  $\frac{7}{10}$  of a litre of juice. She drank  $\frac{4}{10}$  of a litre. How much does she have left? Who is correct? Explain the mistake that has been made.



 $4\mbox{F-I}$  Reason about the location of mixed numbers in the linear number system

Add labels to each mark on the number lines.



4. How much water is in the beaker? Write your answer as a mixed number.



4F-2 Convert between mixed numbers and improper fractions

What are the values of a, b, c and d?



1. Which of these fractions are equivalent to a whole number? Explain how you know.

$$\frac{48}{6}$$
  $\frac{48}{7}$   $\frac{48}{8}$   $\frac{48}{9}$ 

Estimate the position of the following number



2. Express the following mixed numbers as improper fractions.

$$4\frac{1}{8}$$
  $6\frac{4}{9}$ 

3. Express the following improper fractions as mixed numbers.

$$\frac{41}{7}$$

10

4. Sarah wants to convert  $\frac{17}{4}$  to a mixed number. She writes:

$$\frac{17}{4} = 3\frac{5}{4}$$

Explain what mistake Sarah has made, and write the correct answer.

- 5. The school kitchen has 17 packs of butter. Each pack weighs <sup>1</sup>/<sub>4</sub>kg. How many kilograms of butter do they have altogether? Express your answer as a mixed number.
- 6. I have a  $6\frac{1}{2}$ m length of string. How many  $\frac{1}{2}$ m lengths can I cut?

4F-3 Add and subtract improper and mixed fractions (same denominator).

- 1. It is a  $2\frac{3}{4}$ km cycle ride to my friend's house, and a further  $\frac{3}{4}$ km ride to the park. How far do I have to cycle altogether?
- 2. I have 5m of rope. I cut off  $\frac{4}{10}$ m. How much rope is left?
- 3. Fill in the missing n

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

The table below she week. For how long



5. A tailor has  $3\frac{7}{10}$ m is left?

5F-1 Find non-unit fractions of quantities.

1. Find:

$$\frac{3}{8}$$
 of 32  $\frac{2}{9}$  of 45  $\frac{3}{5}$  of 30  $\frac{2}{7}$  of 630  $\frac{4}{9}$  of 315  $\frac{2}{5}$  of 3,500  $\frac{5}{8}$  of 2,720

- 2. Stan bought 15 litres of paint and used  $\frac{2}{3}$  of it decorating his house. How much paint has he used?
- 3. My granny lives 120km from us. We are driving to see her and are  $\frac{5}{6}$  of the way there. How far have we driven so far?
- 4. I am  $\frac{3}{4}$  of the way through my holiday. I have 3 days of holiday left. How many days have I already been on holiday for?
- 5. A school is trying to raise £7,500 for charity. They have raised  $\frac{5}{6}$  of the total so far. How much have they raised?
- 6.  $\frac{4}{5}$  of the runners in a race have finished the race so far. If 92 people have finished, how many runners were in the race altogether?
- 7. There are 315 cows on a farm.  $\frac{3}{5}$  of the cows are having calves this year. How many cows are not having calves?

#### 5F-2 Find equivalent fractions

Find different ways to write the fraction of each shape or quantity that is shaded or highlighted.









Draw lines to match the unit fractions on the left the right.



3. Mark each fraction on the number line.

Hint: convert each fraction to an equivalent fraction with a denominator of 8.



4. Use the numbers 3, 24, 8 and 1 to complete this chain of equivalent fractions.



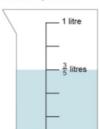
5. Fill in the missing digits.

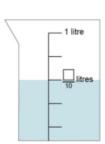
$$\frac{4}{8} = \frac{12}{1}$$

 $\frac{3}{5} = \frac{\square}{40} \qquad \qquad \frac{3}{\square} = \frac{21}{63}$ 

 $\frac{20}{30} = \frac{\boxed{\phantom{0}}}{15}$ 

6. Fill in the missing number.





7. Sally and Tahira each have a 1m ribbon.

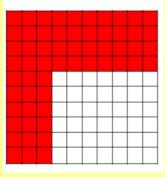
Sally cuts her ribbon into 5 equal parts and uses 1 of them to make a hair tie. Tahira cuts her ribbon into 10 equal parts and uses 3 of them to make a bracelet. Have Sally and Tahira used the same amount of ribbon? Explain your answer.

### Lesson 5

# WALT explore decimals up to two decimal points

#### Mega Challenge

Write the decimal number that is illustrated below:



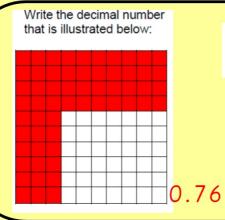
Of the red section Write five and ninety-one tenths as a decimal number.

Insert < or > to make the statement below true.

0.006

Vocabulary

#### WALT explore decimals up to two decimal points



Write five and ninety-one tenths as a decimal number.

5.91

Insert < or > to make the statement below true.

0.06 > 0

0.006

If you correctly answered <u>all</u> of the mega challenge question, move on to the class questions.

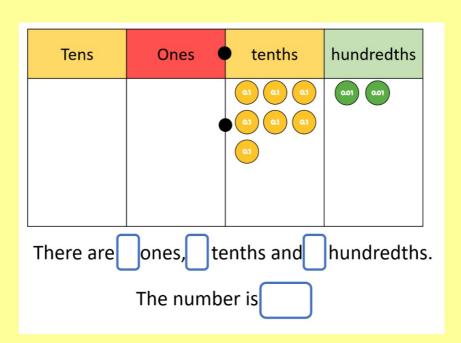
If you did not answer <u>all</u> the mega challenge correctly, stay with me to learn more.

Class questions - see next slide!
REASON AND PEER MARK FOR EVERY QUESTION!

#### WALT explore decimals up to two decimal points







#### WALT explore decimals up to two decimal points Mo is thinking about tenths and hundredths Do it! Mhat number is represented on the place value chart Ones Tenths Hundredths O O O O Z 3 Reason it! What is the value of the digit 4 in each of these numbers? Peer Mark it! c) 8.04 \_\_\_\_\_ f) 176.4 \_\_\_\_ a) Circle the number that has 5 in the tenths position. 5.3 0.53 0.35 2 Represent these numbers on a place value chart. b) Write three numbers that have 3 in the hundredths position. There are ones, tenths and hundredths. Rosie is finding different ways to partition 0.73 Match the words to the numerals. 5 ones, 6 tenths and 5 hundredths 0.56 5 tenths and 6 hundredths a) 0.64 = 0.6 + 5.56 5 ones, 5 tenths and 6 hundredths b) 0.53 = 0.5 + 6 tens and 5 hundredths 5.65 There are ones, tenths and hundredths List as many ways as you can below. Annie has three digit cards. 0 2 5 Are the statements true or false? Explain your answers. a) The largest number Annie can make is 5.02 Alex is thinking of a number. My number has 3 digits, is greater than 1 but less than 2 and has 3 tenths. b) The smallest number Annie can make is 0.25 a) What number could Alex be thinking of? Talk about it with a partner. b) Write all the possible numbers Alex could be thinking of. c) Annie can make six different numbers.

c) Write another clue that would mean Alex's number is 1.34

#### WALT explore decimals up to two decimal points



Tens	Ones	tenths	hundredths

Where has tiny gone wrong?

WE DO

#### WALT explore decimals up to two decimal points Mo is thinking about tenths and hundredths Do it! Mhat number is represented on the place value chart Ones Tenths Hundredths O O O O Z 3 Reason it! What is the value of the digit 4 in each of these numbers? Peer Mark it! c) 8.04 \_\_\_\_\_ f) 176.4 \_\_\_\_ There are ones, tenths and hundredths. a) Circle the number that has 5 in the tenths position. 5.3 0.53 0.35 2 Represent these numbers on a place value chart. b) Write three numbers that have 3 in the hundredths position. There are ones, tenths and hundredths. Rosie is finding different ways to partition 0.73 Match the words to the numerals. 5 ones, 6 tenths and 5 hundredths 0.56 5 tenths and 6 hundredths a) 0.64 = 0.6 + 5.56 5 ones, 5 tenths and 6 hundredths b) 0.53 = 0.5 + 6 tens and 5 hundredths 5.65 There are ones, tenths and hundredths List as many ways as you can below. Annie has three digit cards. 0 2 5 Are the statements true or false? Explain your answers. a) The largest number Annie can make is 5.02 Alex is thinking of a number. My number has 3 digits, is greater than 1 but less than 2 and has 3 tenths. b) The smallest number Annie can make is 0.25 a) What number could Alex be thinking of? Talk about it with a partner. b) Write all the possible numbers Alex could be thinking of. c) Annie can make six different numbers.

c) Write another clue that would mean Alex's number is 1.34

