



THIRD SPACE
LEARNING

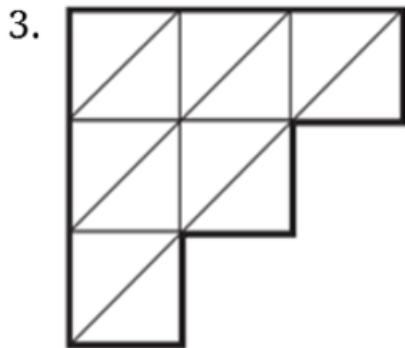
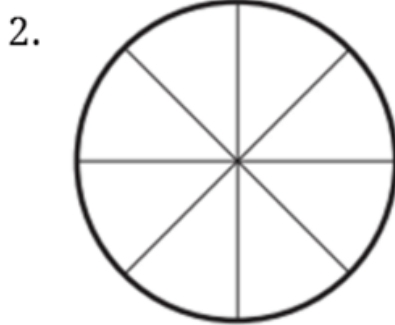
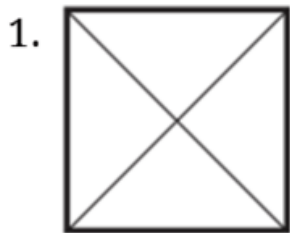


HELLO!

Today we are going to revise fractions of
shapes, quantities and amounts

Arithmetic Warm Up

Shade/circle in three quarters of each diagram





THIRD SPACE
LEARNING

Revision on Fractions

Today we are going to revise how to:



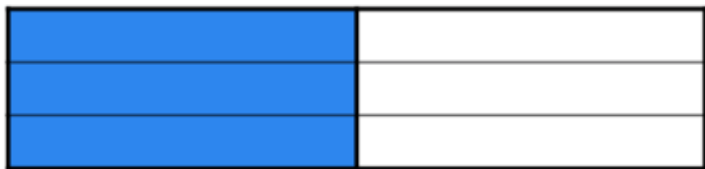
identify fractions of shapes and quantities



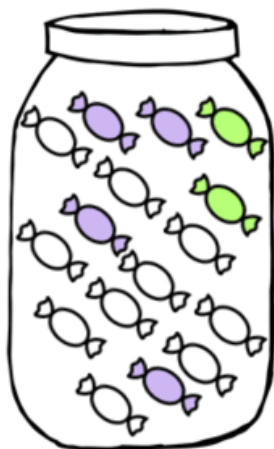
find fractions of an amount

Revision: Fractions of shapes and quantities

1. Describe this shape. Use the words in red to help you.



half equal parts
fraction numerator
equivalent sixths
denominator



2. What fraction of the sweets are purple?

$$\frac{\square}{\square}$$

3. What fraction of the sweets are green?

$$\frac{\square}{\square}$$

Question 1

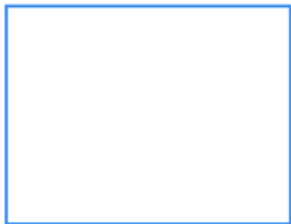


Complete

Pritom has a bag that contains
7 blue marbles and
14 red marbles only.



What fraction of the marbles in the bag are
blue?



1. What do you notice?
2. What do you know?
3. Can you show your working out?
4. How could you extend the question?

Revision: Fractions of amounts

1. Find $\frac{3}{4}$ of 36

1) This whole bar represents 36

2) It has been split into 4 equal parts (quarters) – why?



3) What number would go in each part in order to make the whole bar 36?

4) Each part is a quarter of 36, but you want to know how much is three quarters ($\frac{3}{4}$) of 36.

This relates to the rule 'divide by the denominator and multiply by the numerator' – how?



So, $\frac{3}{4}$ of 36 =

Revision: Fractions of amounts

1. Find $\frac{1}{3}$ of 120

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2. Find $\frac{5}{6}$ of 162

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3. $\frac{1}{3}$ of a number is 12. What is the number?

12		
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4. $\frac{1}{10}$ of a number is 17. What is the number?

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Question 2



Use the space provided to complete the following question.

There are 96 children on a school trip

$\frac{5}{8}$ of them are girls.




How many girls are on the school trip?



1. What do you notice?
2. What do you know?
3. Can you show your working out?
4. How could you extend the question?

Let's review:



-  I can identify fractions of shapes.
-  I can identify fractions of quantities.
-  I can find a fraction of an amount.

Draw a circle around the smiley face to show how you feel about what we've just been doing.



CHALLENGE



Use the space provided to complete the following question.

On Saturday Lara read $\frac{2}{5}$ of her book.

On Sunday she read the **other** 90 pages to finish the book.



How many pages are there in Lara's book?

1. What do you notice?
2. What do you know?
3. Can you show your working out?
4. How could you extend the question?

Finding a fraction of shapes and quantities

Find $\frac{1}{2}$ of 8



Find $\frac{1}{3}$ of 12



Find $\frac{2}{4}$ of 4



Find $\frac{3}{4}$ of 16



Finding fractions of an amount using bar models



Sami has 12 balloons. $\frac{2}{3}$ of them are green.

How many balloons are green?



Finding fractions of amounts using bar models



Find $\frac{4}{7}$ of 21

Show your answer on this bar model above.

$$\frac{4}{7} \text{ of } 21 = \square$$