

Friday recap:

These next few slides will help your child with recapping what has been taught this week to check that the new learning is consolidated before moving on. There is a slide of guided practice to help with remembering and then a slide of intelligent practice for the children to practice their maths skills.

A bit like an informal test.

Don't worry if something is tricky, go over the lesson that was difficult for the child or send a message to Miss Marsden for further help.



Remember to use your resilience and curiosity

Guided practice: quarters of shapes.

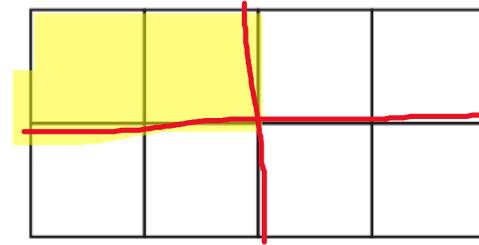
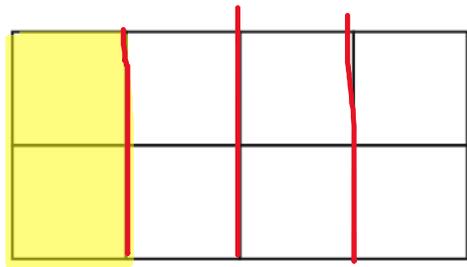
A quarter is one of 4 equal parts that make a whole.

There are four quarters in a whole.

Each quarter has to be equal in size.

I want to cut a rectangle into quarters. This means I need four equal parts to make the whole rectangle.

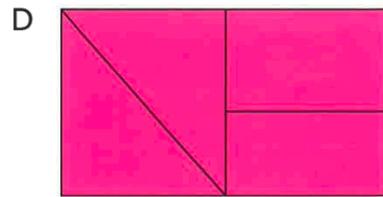
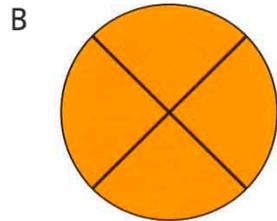
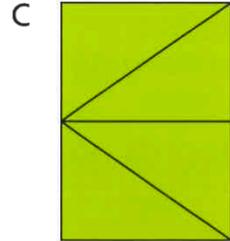
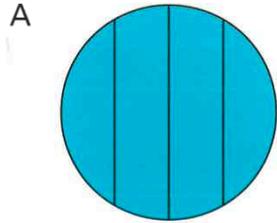
I can do this by folding it in half and then folding it in half again, when I open it up I should have 4 parts that are all the same size, these are quarters.



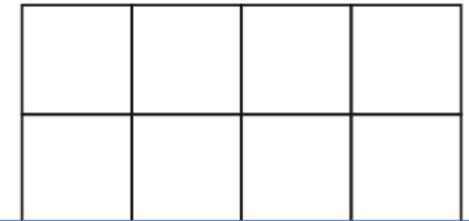
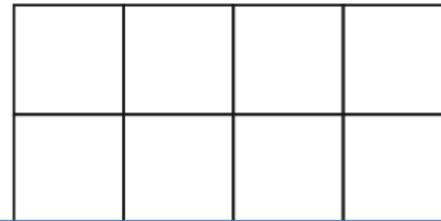
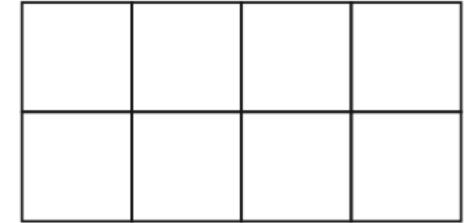
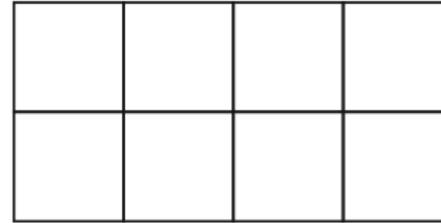
These shapes show $\frac{1}{4}$ because they show one shaded part out of 4 equal parts.

Intelligent practice: halving shapes.

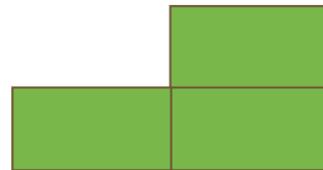
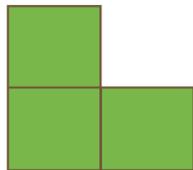
1. Which of these shapes are split into quarters?



2. Shade each shape to show $\frac{1}{4}$ in different ways.



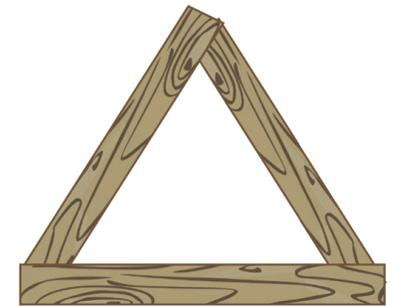
3. Draw a line to match the $\frac{1}{4}$ to the whole.



Extra challenge:



I can't split this shape into quarters.



Is he right? Can you find a way?

Self-assessment: quarters. .

Colour in how you confident you feel with finding quarters of shapes.

Power check

How do you feel about your work in this unit?

Ok but I might need a bit more practice

I feel
confused



I feel
confident.

Guided practice: Quarters of quantities.

- When we are asked to find $\frac{1}{4}$ of a number. It is exactly the same as being asked to divide by 4.
- A way we could do this is by halving once and then halving again. This will give us one quarter as two quarters make one half.

- I am trying to find $\frac{1}{4}$ of 20
- I am going to half it once to get 10.
- I am going to half again to get 5.

20			
10		10	
5	5	5	5

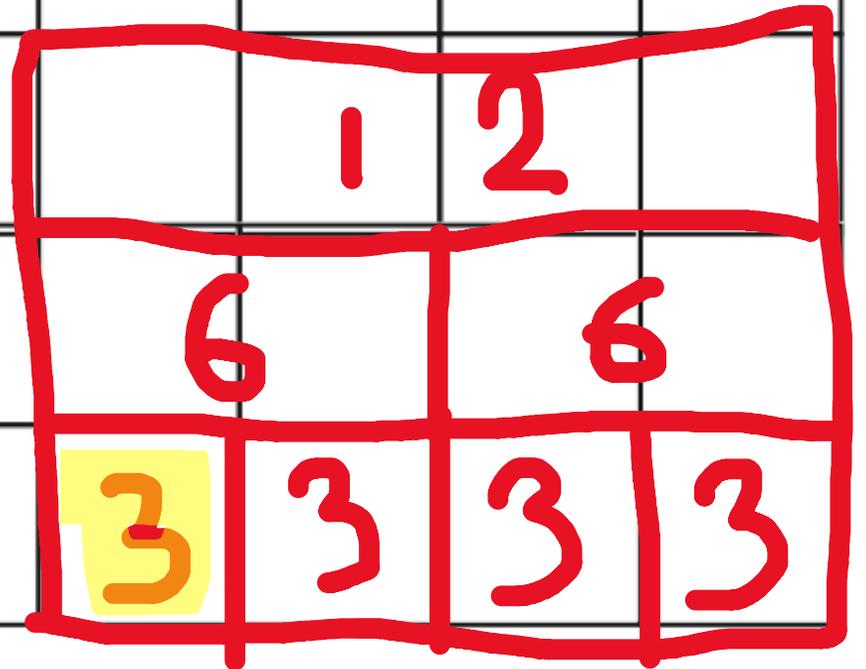
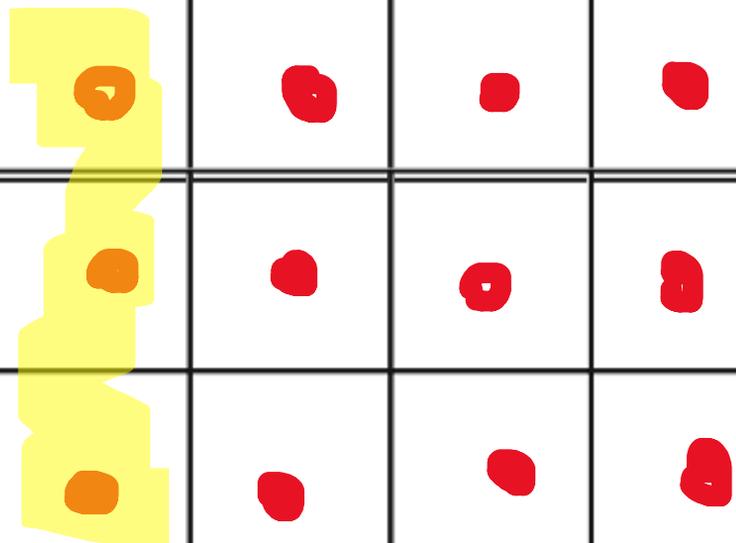
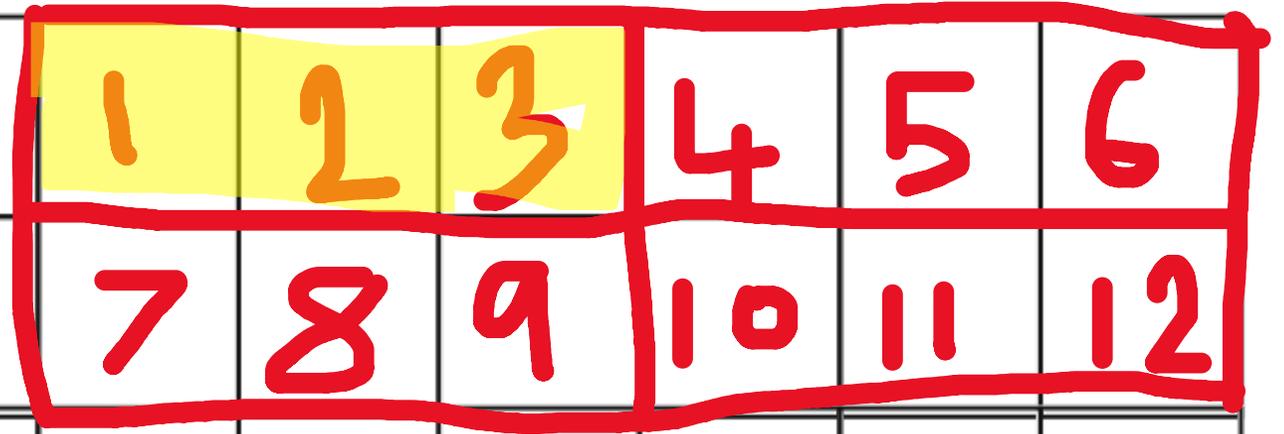
- Now I know that $\frac{1}{4}$ of 20 is 5.

Guided practice: I could also find $\frac{1}{4}$ by drawing a diagram and counting the squares or

amount in the array.

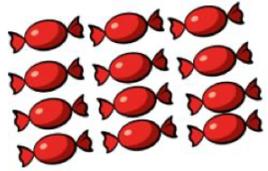
What is $\frac{1}{4}$ of 12?

= 3



Intelligent practice: Half an amount.

1.



There are ___ sweets.
There are ___ sweets in each quarter.
A quarter of ___ is ___

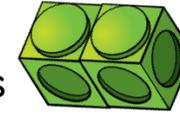


There are ___ peaches.
There are ___ peaches in each quarter.
A quarter of ___ is ___

3.

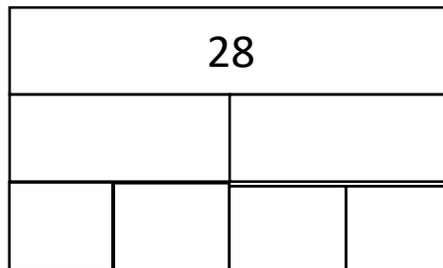
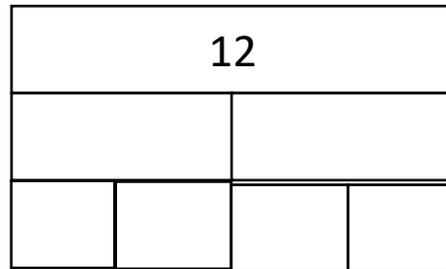
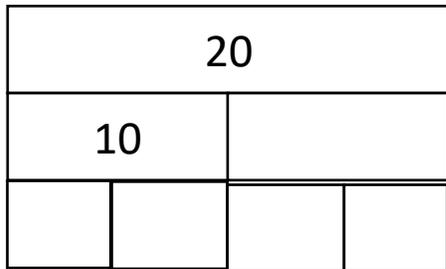


One cube is a quarter, what could the whole look like?



Two cubes are a quarter, what could the whole look like?

2. Complete the bar models underline $\frac{1}{2}$ and circle $\frac{1}{4}$.



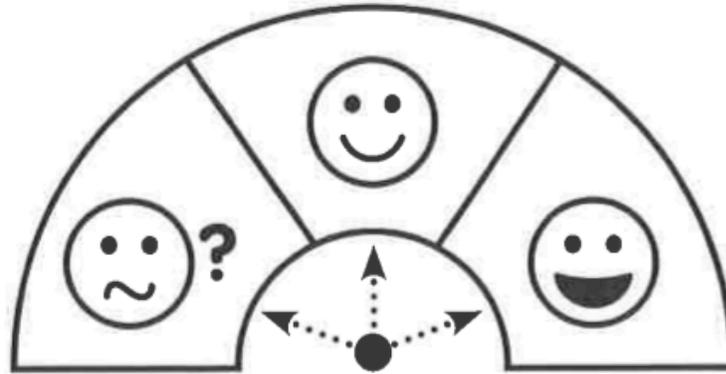
Four children share two bags of 8 marbles equally. Draw a diagram to show how many marbles each child gets.

What fraction of one bag of marbles does each child get? - Extra challenge

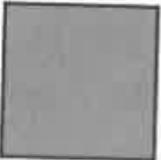
Self-assessment: quarter of an amount.
Colour in how you confident you feel with finding
quarters of numbers.

Power check

How do you feel about your work in this unit?



Extra challenge:

What are the values of  and  ?

$$\text{star} + \text{square} = 10$$

 is a quarter of 16.

$$\text{star} = \square$$

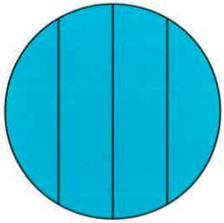
$$\text{square} = \square$$

Answers! How did you do?

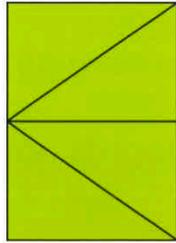
Intelligent practice: halving shapes.

1. Which of these shapes are split into quarters?

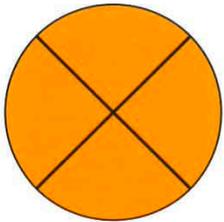
A



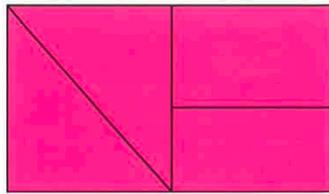
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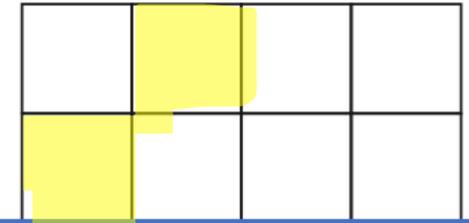
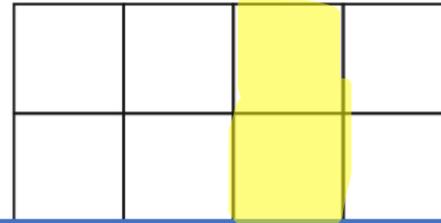
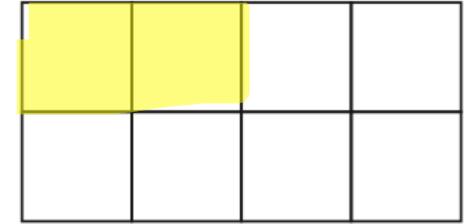
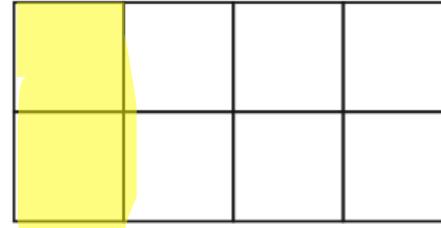
B



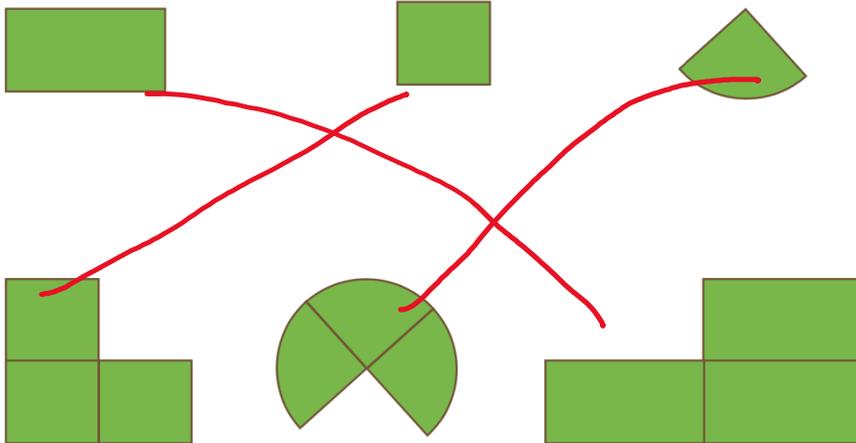
D



2. Shade each shape to show $\frac{1}{4}$ in different ways.
As long as you have shaded 2 of the 8 parts.



3. Draw a line to match the $\frac{1}{4}$ to the whole.

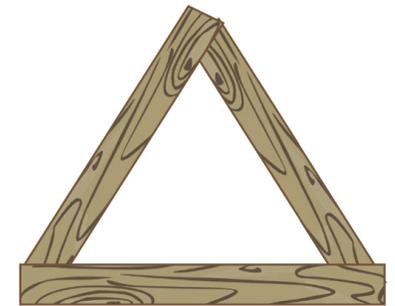


Extra challenge:

He is correct.
You cannot split
irregular shapes into
quarters.



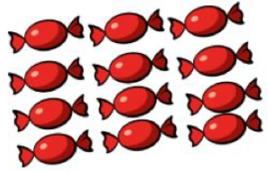
I can't split this shape into quarters.



Is he right? Can you find a way?

Intelligent practice: Half an amount.

1.

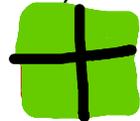


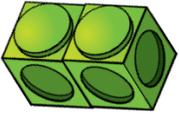
There are 12 sweets.
 There are 3 sweets in each quarter.
 A quarter of 12 is 3



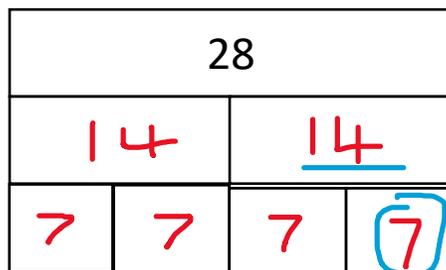
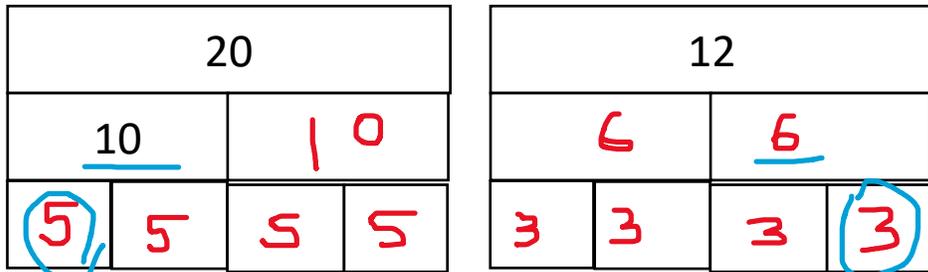
There are 8 peaches.
 There are 2 peaches in each quarter.
 A quarter of 8 is 2

3.

One cube  is a quarter, what could the whole look like? 

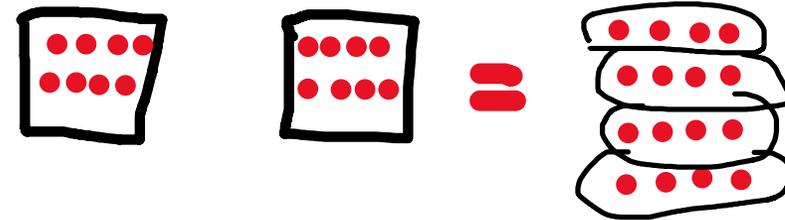
Two cubes  are a quarter, what could the whole look like? 

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Four children share two bags of 8 marbles equally. Draw a diagram to show how many marbles each child gets.

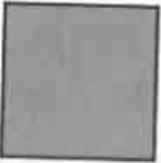
What fraction of one bag of marbles does each child get? - Extra challenge



There are 16 marbles altogether. $\frac{1}{4}$ of 16 is 4. Each child gets 4 marbles.

Extra: from each bag, each child gets $\frac{1}{2}$

Extra challenge:

What are the values of  and  ?

$$\text{star} + \text{square} = 10$$

$$\text{star} = 6$$

 is a quarter of 16.

$$\text{square} = 4$$

①

 = $\frac{1}{4}$ of 16 =

$$\begin{array}{r|l} 16 & \\ \hline 8 & 8 \\ \hline 4 & 4 & 4 & 4 \end{array} = 4$$

②

$$\begin{array}{r} \text{square} + 4 = 10 \\ \hline \text{So} \\ 10 - 4 = 6 \end{array}$$