**Maths Home Learning for Summer Term 1 - Week 2**

**WALT**: find a half and a quarter of a shape and of different amounts.

**Monday – WALT: find half of a shape**

**Today: Children explore finding a half for the first time using shapes and sets of objects. They will use the vocabulary ‘half’ and ‘whole’.**

**It is important that they know that a half means ‘one of two equal parts’ and are able to count them.**

In school children would explore showing and finding half of a real-life object. Demonstrating that a **half** is **one** of two **equal** parts.

Can you cut an apple, a cake or a banana into half? Have a look closely… are there two parts? Are both parts **equal**?

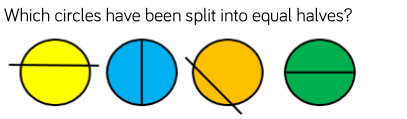
**Remember: equal means the same amount/size.**

Thinking in terms of fairness. How can we cut these objects in half, to share between two friends? Is each part equal?

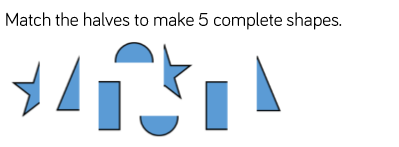
1. Draw a line down each object to show a half.

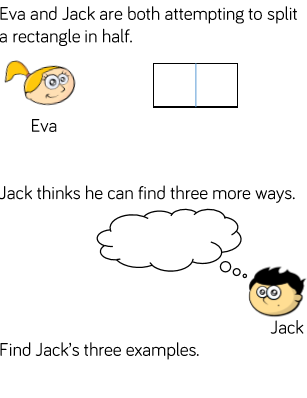


***Challenge:*** Can any of the objects be cut in half in more than one way?



Explain your thinking.



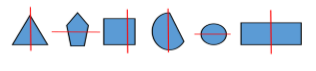


You can use a rectangle piece of paper to explore Jack’s ways?

Remember: half is **one of two parts** and each part is **equal.**

**5.**





Can you draw and sort any more shapes?

**Tuesday - WALT: find half of an amount using real resources**

Children can use concrete resources at home to practise finding a half of an amount. For example: Lego, apples, elephants, toy cars.

1. Using your chosen resources, can you find half of 8 (elephants, Lego bricks, toy cars)?

Remember: **half** is **one** of two **equal** parts

So, I know 8 elephants, shared into **two equal** parts is 4.

Therefore, **half** of 8 elephants is 4 elephants.

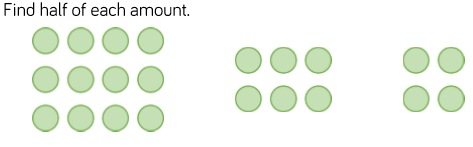
Using your own resources can you try writing your own stem sentences to show half of these amounts:

* 8
* 10
* 12
* 20

For example: Half of 8 \_\_\_\_\_\_\_\_ is 4 \_\_\_\_\_\_\_\_.

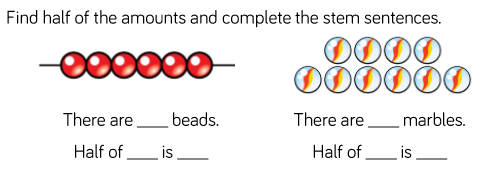
**Wednesday – WALT: find half of an amount (pictorial)**

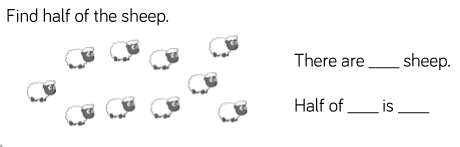
**1.**

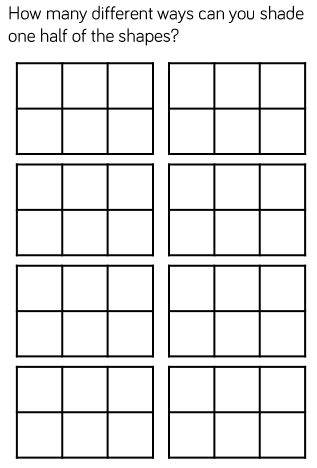


Can you write the answers using the stem sentneces from yesterday?

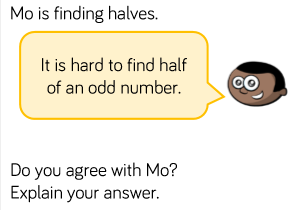
I know half of \_\_\_\_\_\_\_ counters is \_\_\_\_\_\_\_\_\_\_\_ counters.







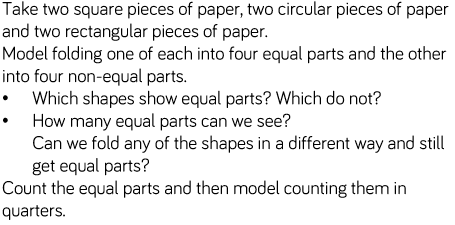
***Challenge:***



**Remember:** when we tried to halve 7 pancakes. How did we find half of this amount?

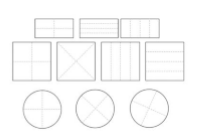
**Thursday – WALT: find a quarter of a shape**

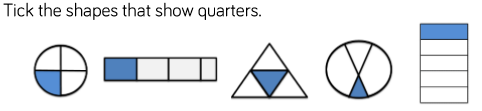
1. **Exploration task**



Children need to know that **a quarter** is **one** of **four equal** parts.

1. **Colour a quarter of each shape. Can you colour it in different ways?**

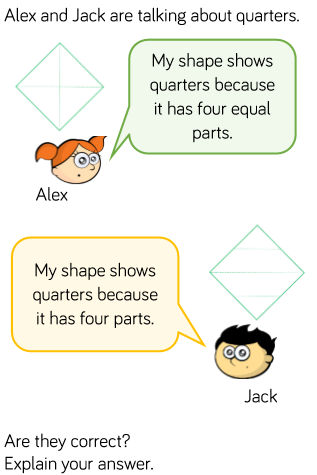




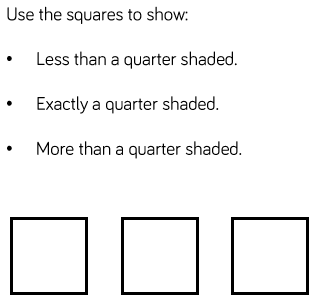
**Explain your thinking.** Can you use the vocabulary**: four, equal, parts** and **one** in your answer.

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**Challenge:**



**Friday – WALT: find a quarter of an amount**

On Tuesday you practised finding a half of an amount, using your chosen resources. Today, have a go at finding a **quarter of 8**, using the same resources.

Remember: a **quarter** is **one** of **four equal** parts.

So, a quarter of 8 elephants is 2 elephants.



**Can you use your resources to find:**

* **A quarter of 4**
* **A quarter of 10**
* **1 is one quarter of \_\_\_\_\_\_**
* **3 is one quarter of \_\_\_\_\_\_\_**

**Challenge: 3 quarters of 12 is \_\_\_\_\_\_\_\_**

