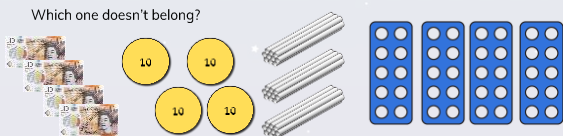


To be able to make equal groups by sharing

**MathShed**

**Starter:**  
Which one doesn't belong?




Explain your answer.

To be able to make equal groups by sharing

**MathShed**

**Activity 1:**  
Share the apples equally between the baskets and complete the sentences below:



In total, there are \_\_\_ apples.  
There are \_\_\_ baskets.  
There are \_\_\_ apples in each basket.


Complete sentences about 8 baskets:

In total, there are \_\_\_ apples.  
There are 8 baskets.  
There are \_\_\_ apples in each basket.

To be able to make equal groups by sharing

**MathShed**

**Activity 2:**  
20 children from Hillcrest Academy are going on a school trip.

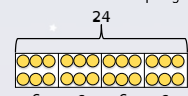


How many children would be in each group if they were split into four groups?  
Explain your answer, using mathematical equipment as further proof.

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**Activity 3:**  
Yasmin has used a bar model to divide 24 into 4 equal groups.



She writes  $24 \div 4 = 6$   
How does her model demonstrate the number sentence above?

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**Activity 4:**  
Jamal says, "I can work out  $60 \div 2$ , as I know that  $6 \div 2 = 3$  and 60 is the same as 6 tens, so  $60 \div 2 = 30$ ."  
Do you agree? Use Base 10 pieces, Numicon 10 shapes or place value counters to prove your response.

Is it possible to use Jamal's strategy and similar equipment to solve:


- a)  $80 \div 2$
- b)  $70 \div 2$

Explain your answer.

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**Activity 5:**  
Ruth has 24 stickers and shares them between her 4 friends.  
Yasmin also has 24 stickers and share between her 3 friends.



Whose friends will each receive the most stickers?  
Explain your answer.

To be able to make equal groups by sharing



Evaluation:

It is possible to share  
an odd amount of  
whole items among  
an even number of  
people equally.



Is Astrobee's statement always, sometimes or never true?  
Explain your answer.