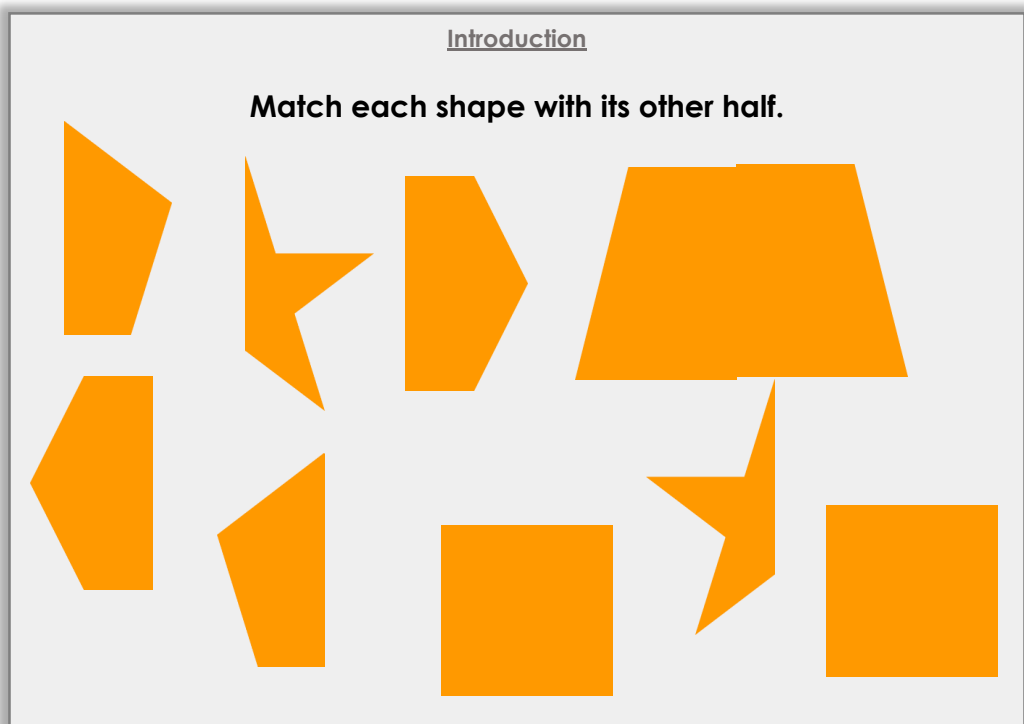
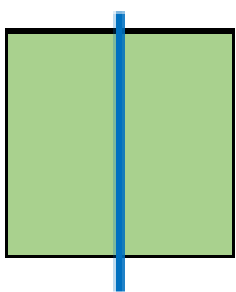


Halving Objects

These are reasoning and problem solving questions. *They* are designed for the children to do with an adult. You don't need to write down the answers, just talk about them. The act of discussing Maths creates the understanding without needing to record it. You may need to use objects from around the house to help you. The questions do get harder... Have a go!



1a. Are the children correct?



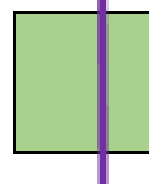
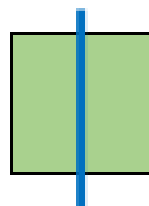
Harry

My shape is split equally.

I've shown 2 ways to halve my shape.



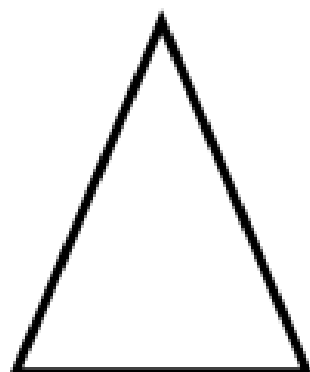
Sonya



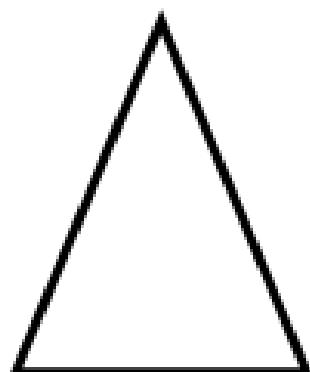
Explain your answer.



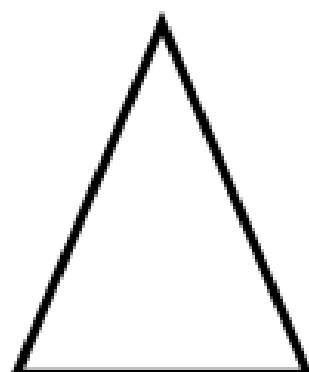
5a. Colour the triangles to match their labels.



less than
half



exactly
half



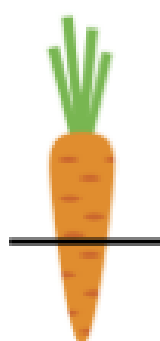
more
than half



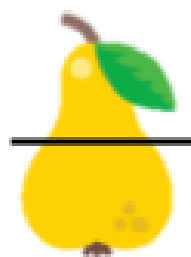
PS



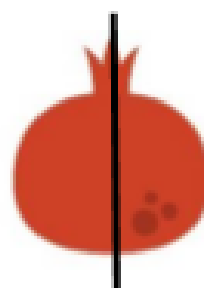
6b. Circle the odd one out.



A



B



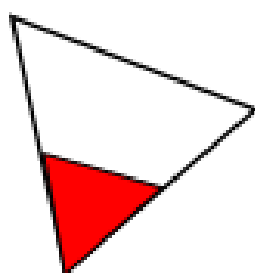
C

Explain your reasoning.



R

7a. Are the children correct?



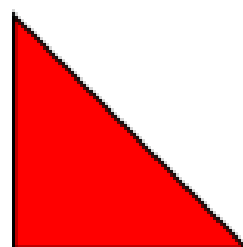
Gordon

Half of my
shape is red.

My shape is
half of a
square.



Kristin

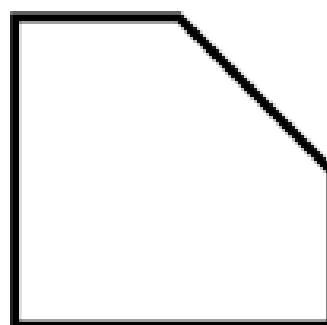
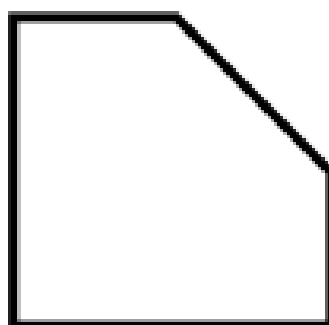
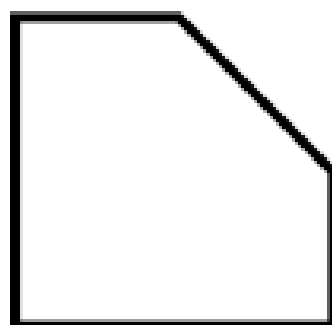


Explain your answer.



R

8a. Colour the shapes to match their
labels.



less than
half

exactly
half

more
than half

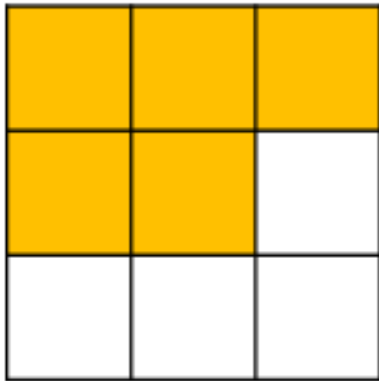


PS

Halving a quantity

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1a. Danika thinks she has coloured in half of the squares. Do you agree?



Why or why not?



R

3b. There are 12 apples on a tree.

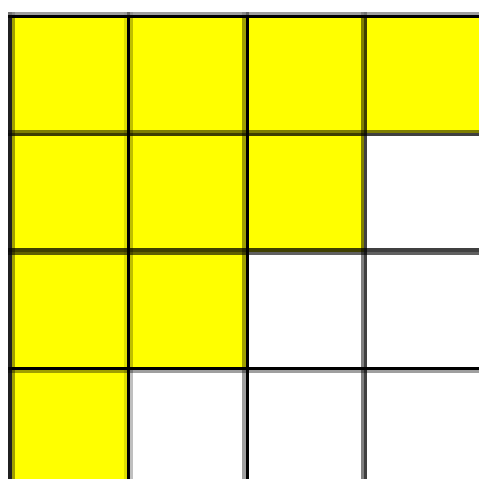
Half of them fell on the grass.

How many are left on the tree?



PS

4b. Noah thinks he has coloured in half of the squares. Do you agree?

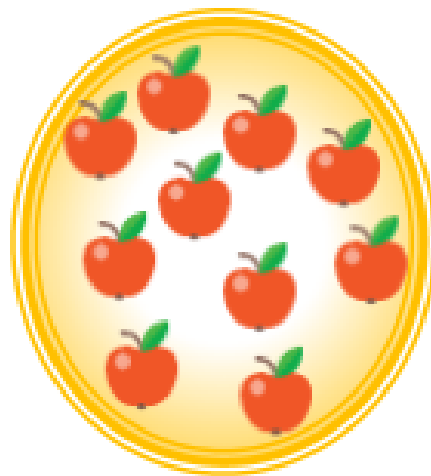
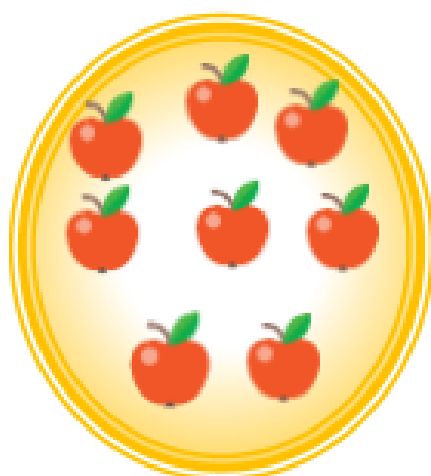


Why or why not?



R

5b. A bag of apples has been halved incorrectly. How many should be on each plate?

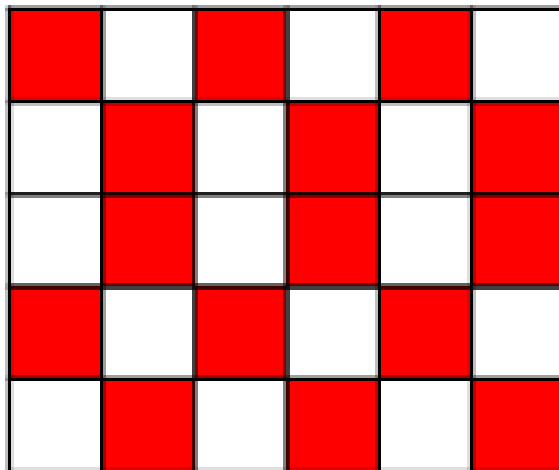


Explain how you got your answer.



R

7a. Tamira thinks she has coloured in half of the squares. Do you agree?



Why or why not?



R

9b. There are 24 flowers in Gregor's garden. Half of the flowers are roses. Gregor picked half of the roses to give to his mum.

How many roses did he give her?

Use counters or draw a picture to help you.



PS