Homework/Extension
Step 1: Halving Shapes or Objects

National Curriculum Objectives:

Mathematics Year 1: (1F1a) Recognise, find and name a half as one of two equal parts of an object, shape or quantity
Mathematics Year 1 (1M1): Compare, describe and solve practical problems for lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Identify if all of the objects have been cut in half. Includes 3 symmetrical items halved by a vertical line.
Expected Identify if all of the objects have been cut in half. Includes 4 symmetrical items halved either by a vertical or horizontal line.
Greater Depth Identify if all of the objects have been cut in half. Includes 4 items which may be asymmetrical halved either by a vertical, horizontal or diagonal line.

Questions 2, 5 and 8 (Varied Fluency)
Developing Circle the total number of halves. Includes 3 symmetrical shapes halved by a vertical line.
Expected Circle the total number of halves. Includes 4 symmetrical shapes halved either by a vertical or horizontal line.
Greater Depth Circle the total number of halves. Includes 4 shapes which may be asymmetrical halved either by a vertical, horizontal or diagonal line.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Identify and explain which object belongs to the children. Includes 3 symmetrical items halved by a vertical line.
Expected Identify and explain which object belongs to the children. Includes 4 symmetrical items halved either by a vertical or horizontal line.
Greater Depth Identify and explain which object belongs to the children. Includes 4 items which may be asymmetrical halved either by a vertical, horizontal or diagonal line.

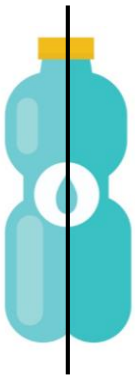
More Year 1 Fractions resources.

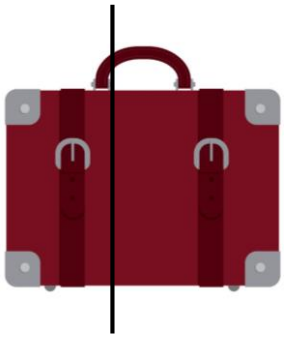
Did you like this resource? Don't forget to review it on our website.

Halving Shapes or Objects

1. True or false?

All of the objects below have been cut in half.

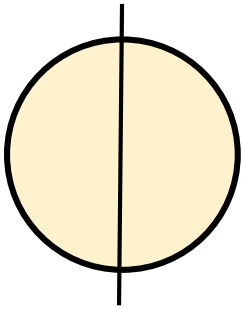


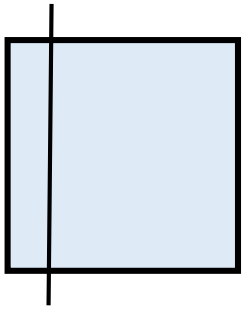


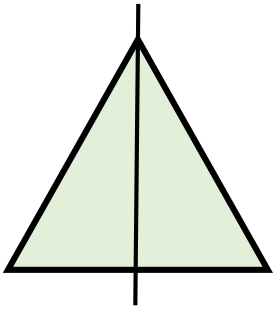
D

VF
HW/Ext

2. Circle the total number of halves below.





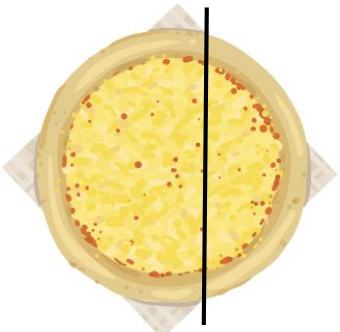


2 **3** **4**

D

VF
HW/Ext

3. Ben and Liz split a pizza in half.



A

B

C

Which pizza belongs to them? Convince me.

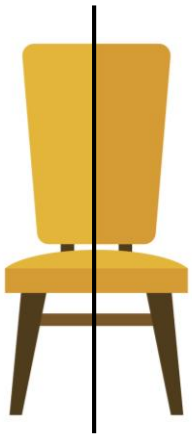
D

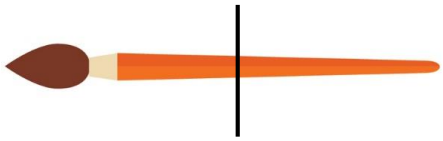
RPS
HW/Ext

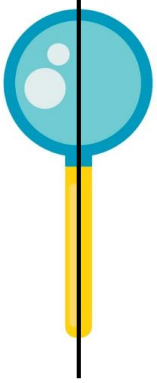
Halving Shapes or Objects

4. True or false?

All of the objects below have been cut in half.



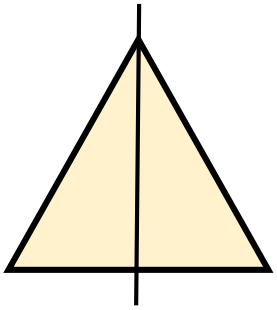


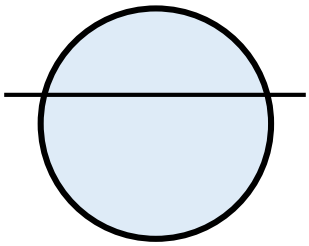


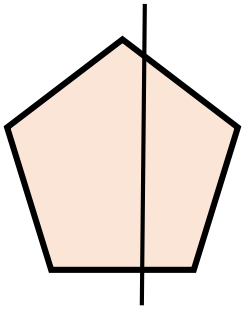
E

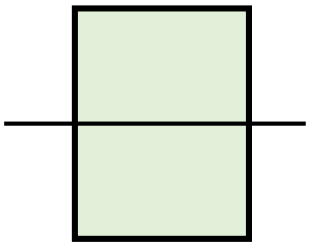
VF
HW/Ext

5. Circle the total number of halves below.







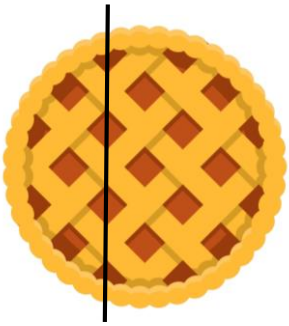


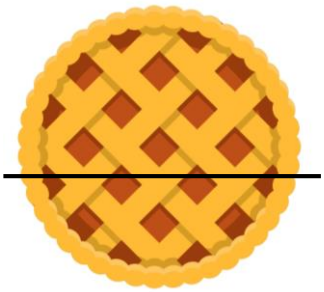
2	4	6	8

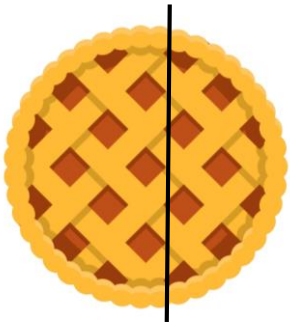
E

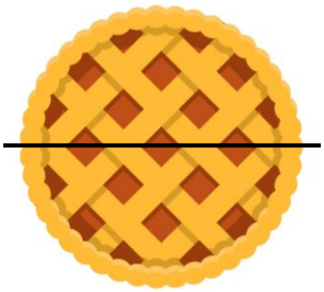
VF
HW/Ext

6. Tom and Jen split a pie in half.









A **B** **C** **D**

Which pie belongs to them? Convince me.

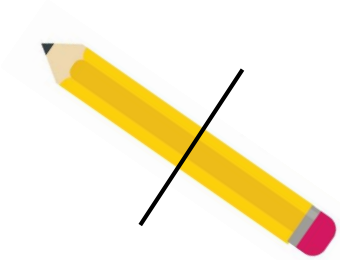
E

RPS
HW/Ext

Halving Shapes or Objects

7. True or false?

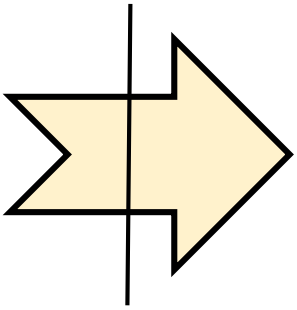
All of the objects below have been cut in half.

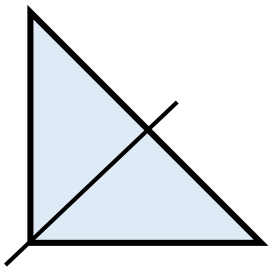


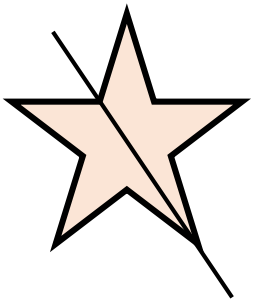
GD

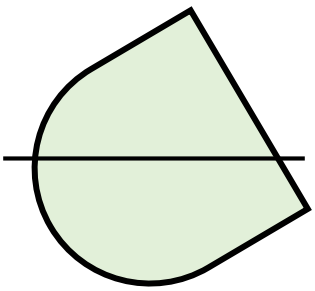
VF
HW/Ext

8. Circle the total number of halves below.







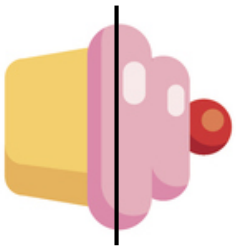


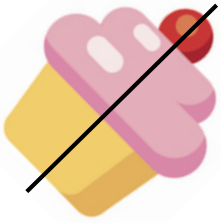
2	4	6	8

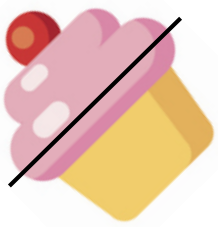
GD

VF
HW/Ext

9. Sam and Kim split a cake in half.







A **B** **C** **D**

Which cake belongs to them? Convince me.

GD

RPS
HW/Ext

Homework/Extension
Halving Shapes or Objects

Developing

1. False, the suitcase has not been cut into 2 equal parts.
2. 4
3. B belongs to Ben and Liz because it is the only one which has been split into 2 equal parts.

Expected

4. False, the paintbrush has not been cut into 2 equal parts.
5. 4
6. D belongs to Tom and Jen because it is the only one which has been split into 2 equal parts.

Greater Depth

7. False, the plant pot is the only object cut into 2 equal parts.
8. 4
9. C belongs to Sam and Kim because it is the only one which has been split into 2 equal parts.