

Varied Fluency – Find a Quarter of a Shape or Object

National Curriculum Objectives:

Mathematics Year 1: (1F1b) [Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity](#)

Mathematics Year 1: (1M1) [Compare, describe and solve practical problems for mass/weight \[for example, heavy/light, heavier than, lighter than, half, quarter\]](#)

Differentiation:

Developing Questions to support showing, finding, drawing and identifying quarters of objects and shapes. All items symmetrical and quartered by vertical and horizontal lines.

Expected Questions to support showing, finding, drawing and identifying quarters of objects and shapes. All items symmetrical but more options for quartering available.

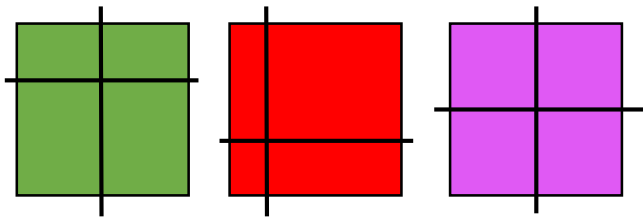
Greater Depth Questions to support showing, finding, drawing and identifying quarters of objects and shapes. Items may be asymmetrical and can be quartered by vertical, horizontal or diagonal lines. More possibilities for quartering shapes are explored.

More [Year 1 Fractions](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

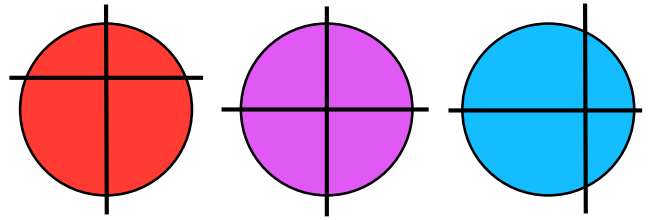
Varied Fluency – Find a Quarter of a Shape or Object

1a. Tick the shape that is split into equal quarters.



VF

1b. Tick the shape that is split into equal quarters.



VF

2a. Draw lines to split this object into 4 equal quarters.



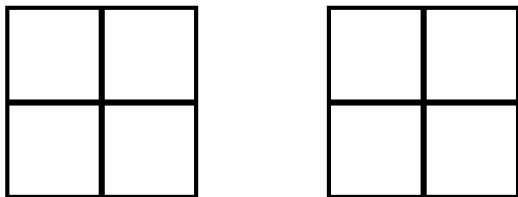
VF

2b. Draw lines to split this object into 4 equal quarters.



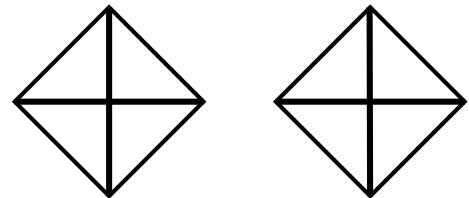
VF

3a. Colour a quarter of each shape. Can you think of two different ways of doing it?



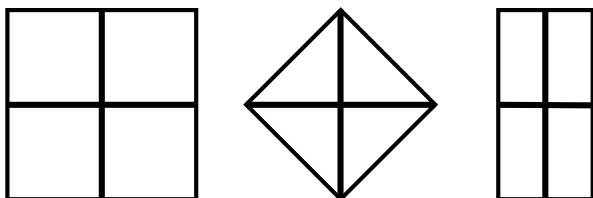
VF

3b. Colour a quarter of each shape. Can you think of two different ways of doing it?



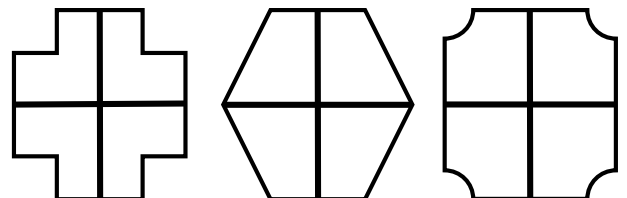
VF

4a. Colour a quarter of each shape.



VF

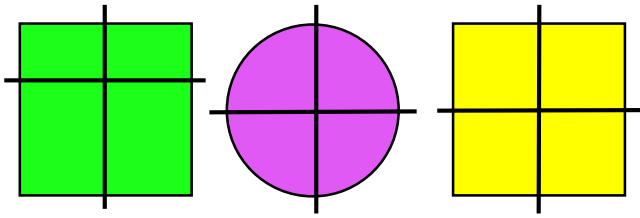
4b. Colour a quarter of each shape.



VF

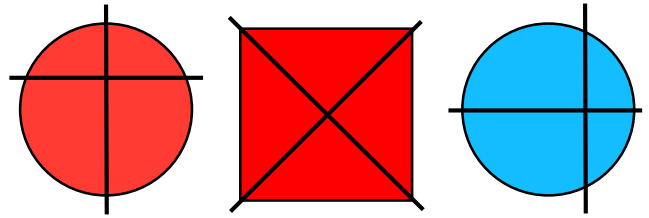
Varied Fluency – Find a Quarter of a Shape or Object

5a. Tick the shapes split into equal quarters.



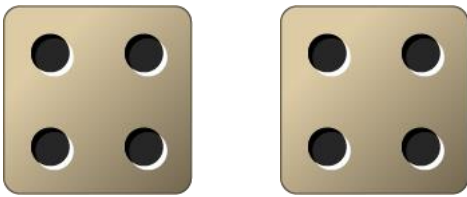
VF

5b. Tick the shapes split into equal quarters.



VF

6a. Draw lines to split this object into 4 equal quarters. Try to do this in 2 different ways.



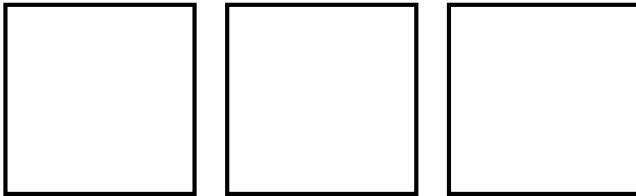
VF

6b. Draw lines to split this object into 4 equal quarters. Try to do this in 2 different ways.



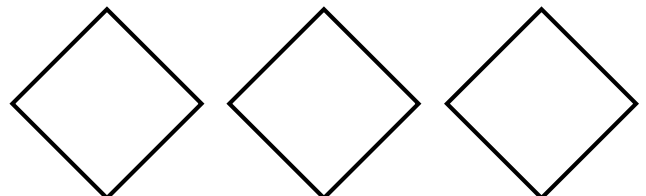
VF

7a. Colour a quarter of each shape. Can you think of three different ways of doing it?



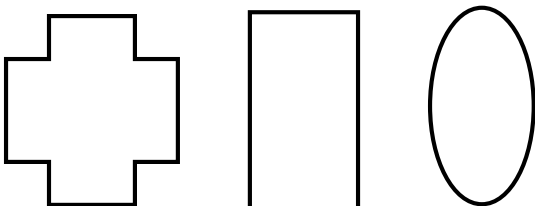
VF

7b. Colour a quarter of each shape. Can you think of two different ways of doing it?



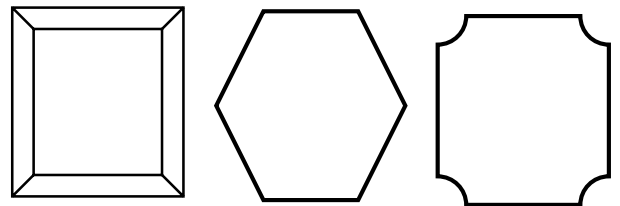
VF

8a. Colour a quarter of each shape.



VF

8b. Colour a quarter of each shape.



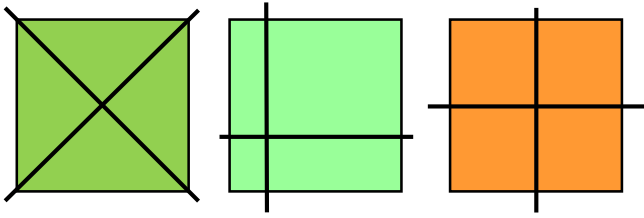
VF

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Varied Fluency – Find a Quarter of a Shape or Object – Year 1 Expected

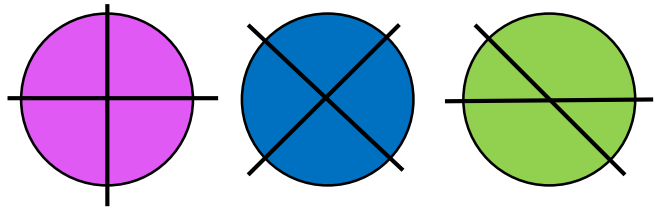
Varied Fluency – Find a Quarter of a Shape or Object

9a. Tick the shapes split into equal quarters.



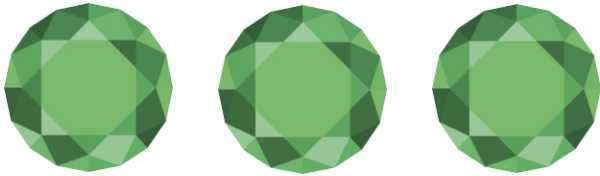
VF

9b. Tick the shapes split into equal quarters.



VF

10a. Draw lines to split this object into 4 equal quarters. Try to do this in 3 different ways.



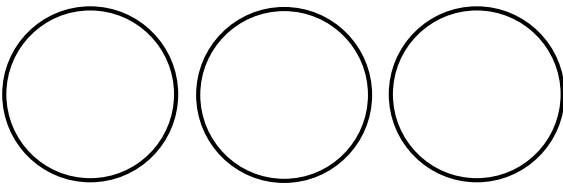
VF

10b. Draw lines to split this object into 4 equal quarters. Try to do this in 3 different ways.



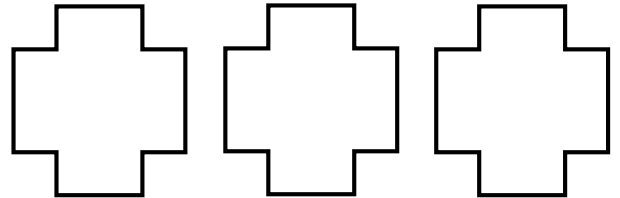
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11a. Colour a quarter of each shape. Can you think of three different ways of doing it?



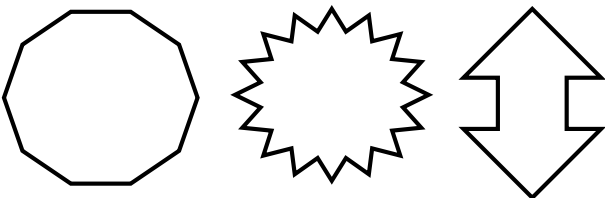
VF

11b. Colour a quarter of each shape. Can you think of three different ways of doing it?



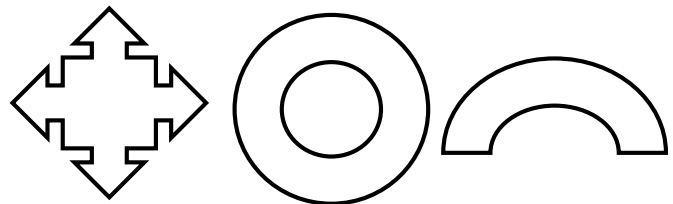
VF

12a. Colour a quarter of each shape.



VF

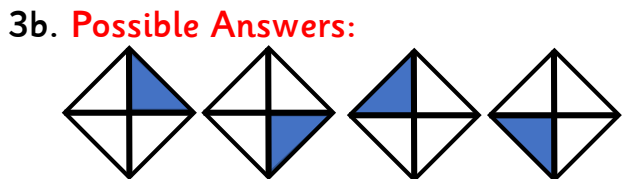
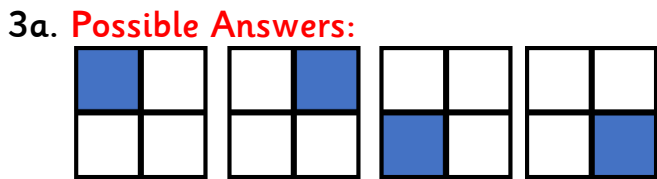
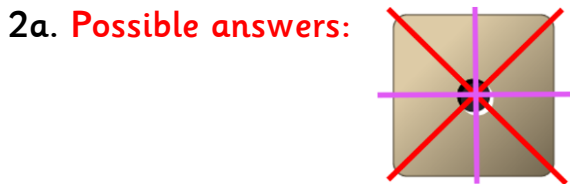
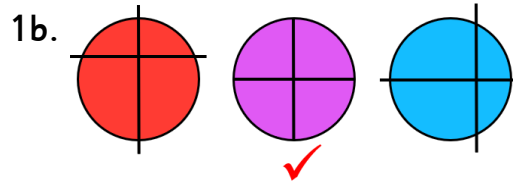
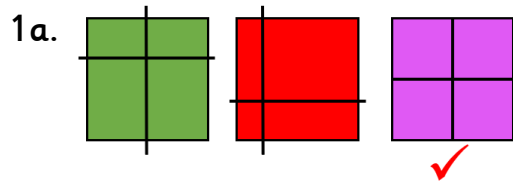
12b. Colour a quarter of each shape.



VF

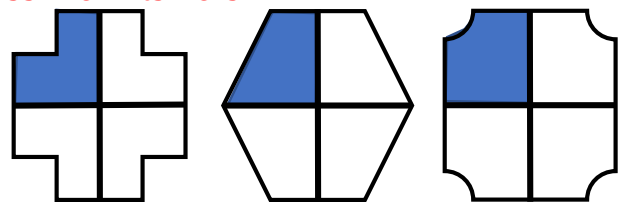
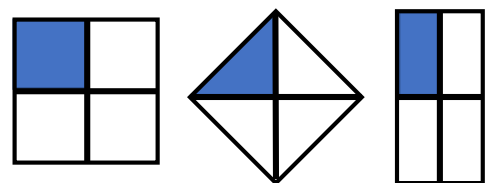
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Developing

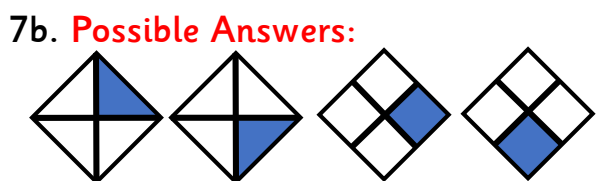
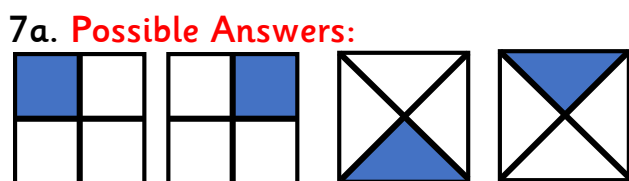
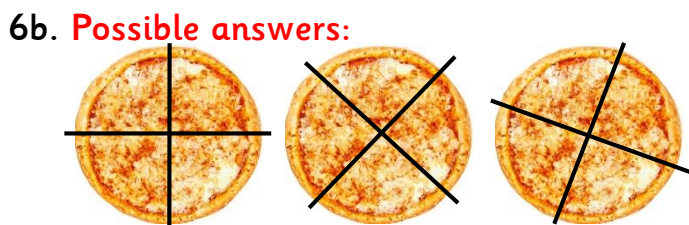
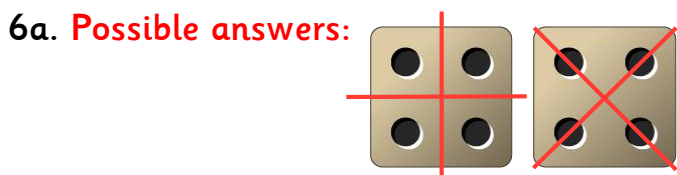
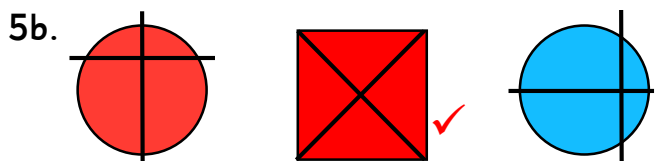
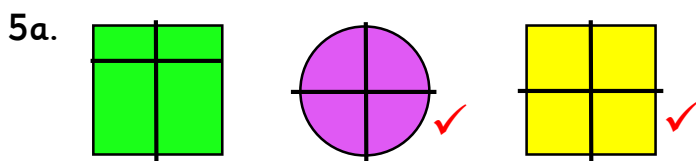


4a. Accept any quarter correctly coloured.
Possible Answers:

4b. Accept any quarter correctly coloured.
Possible Answers:

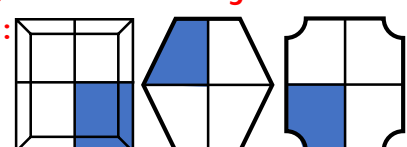
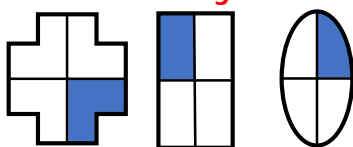


Expected



8a. Accept any quarter correctly coloured.
Possible Answers:

8b. Accept any quarter correctly coloured.
Possible Answers:

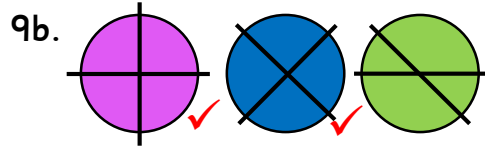
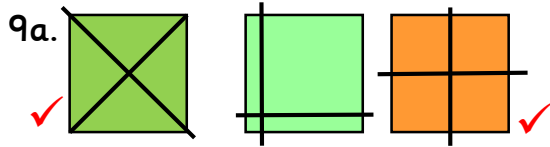


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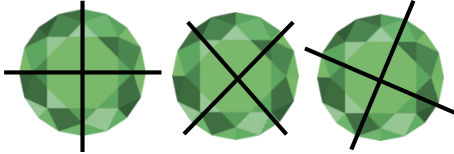
Varied Fluency – Find a Quarter of a Shape or Object **ANSWERS**

Varied Fluency – Find a Quarter of a Shape or Object

Greater Depth



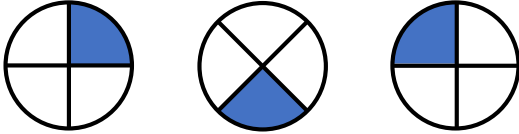
10a. Possible answers:



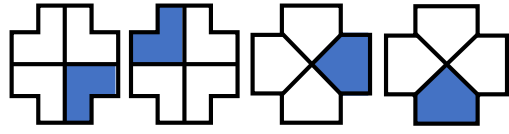
10b. Possible answers:



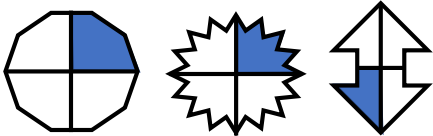
11a. Possible Answers:



11b. Possible Answers:



12a. Accept any quarter correctly coloured. Possible Answers:



12b. Accept any quarter correctly coloured. Possible Answers:

