

Varied Fluency

Step 5: Horizontal and Vertical

National Curriculum Objectives:

Mathematics Year 3: (3G2) [Identify horizontal and vertical lines](#)

Differentiation:

Developing Questions to support identifying horizontal and vertical lines. Using regular quadrilaterals and rectangles (shapes and objects).

Expected Questions to support identifying horizontal and vertical lines and symmetry. Using regular shapes, symbols and capital letters.

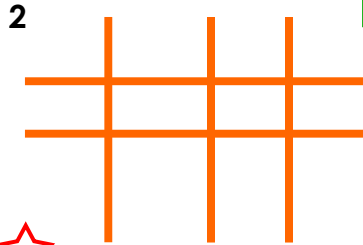
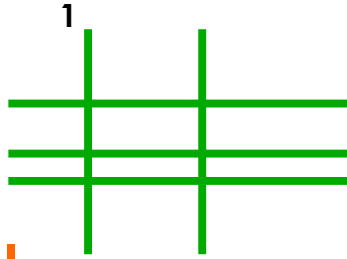
Greater Depth Questions to support identifying horizontal and vertical lines and symmetry. Using compound shapes, symbols and capital letters.

More [Year 3 Properties of Shapes](#) resources.

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

Horizontal and Vertical

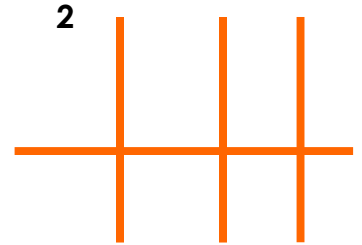
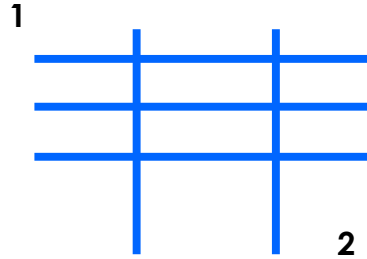
1a. Which of the images below has the most vertical lines?



VF

Horizontal and Vertical

1b. Which of the images below has the most horizontal lines?



VF

2a. What types of lines are the shapes made up of? Horizontal or vertical?

Flag	Horizontal or vertical lines?



VF

2b. What types of lines are the shapes made up of? Horizontal or vertical?

Flag	Horizontal or vertical lines?



VF

3a. Which of these flags has a vertical line of symmetry?



VF

3b. Which of these flags has a horizontal line of symmetry?

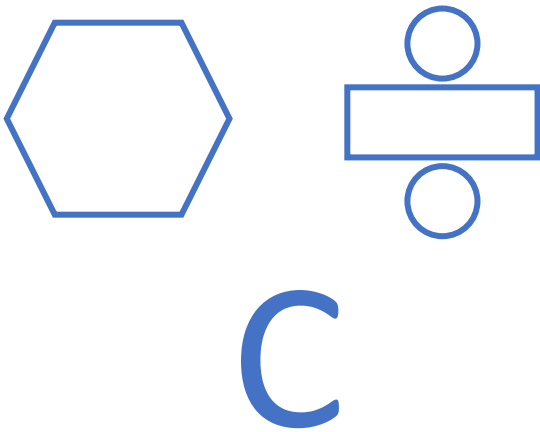


VF

Horizontal and Vertical

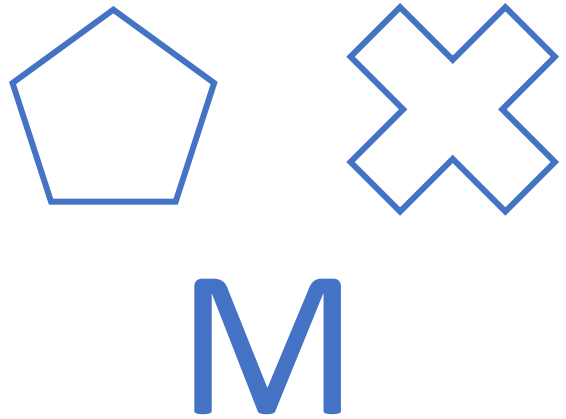
Horizontal and Vertical

4a. Draw the horizontal lines of symmetry in these objects.







VF

4b. Draw the vertical lines of symmetry in these objects.



VF





5a. What types of lines are the shapes made up of? Horizontal, vertical or both?

Shape	Type of lines – horizontal, vertical or both?
A 	
B 	
C 	
D 	



VF

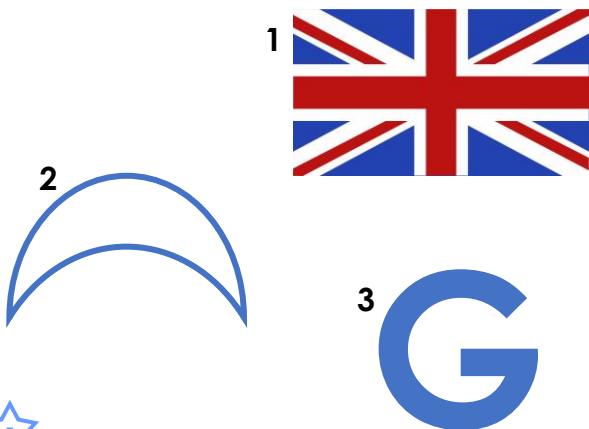
5b. What types of lines are the shapes made up of? Horizontal, vertical or both?

Shape	Type of lines – horizontal, vertical or both?
A 	
B 	
C 	
D 	



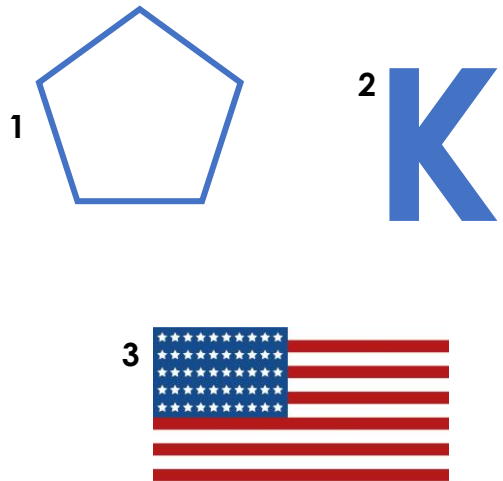
VF

6a. Which of the images below has a vertical line of symmetry?



VF

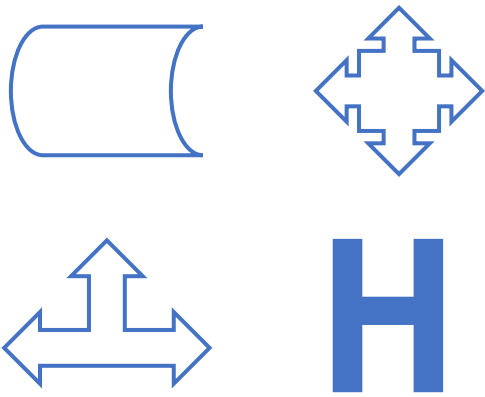
6b. Which of the images below has a horizontal line of symmetry?



VF

Horizontal and Vertical

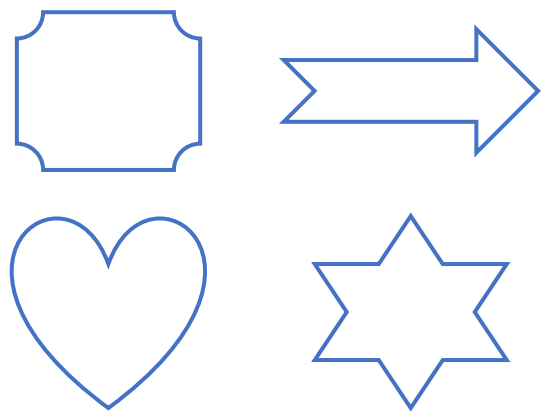
7a. Draw the horizontal and vertical lines of symmetry in these objects



VF

Horizontal and Vertical

7b. Draw the horizontal and vertical lines of symmetry in these objects.



VF

8a. What types of lines are the shapes made up of? Horizontal, vertical, both or neither?

Shape	Type of lines – horizontal, vertical, both or neither?
A	
B	
C	
D	



VF

8b. What types of lines are the shapes made up of? Horizontal, vertical, both or neither?

Shape	Type of lines – horizontal, vertical, both or neither?
A	
B	
C	
D	



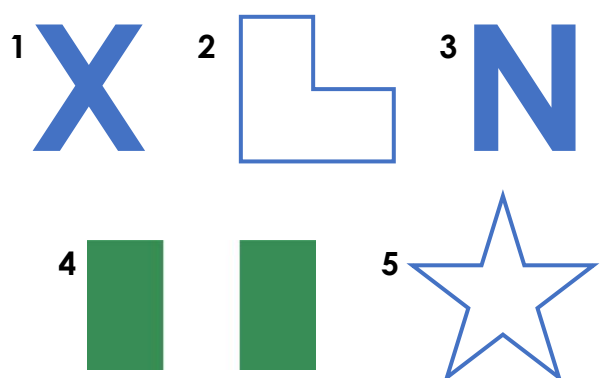
VF

9a. Which of the images below has a vertical and a horizontal line of symmetry?



VF

9b. Which of the images below has a vertical and a horizontal line of symmetry?



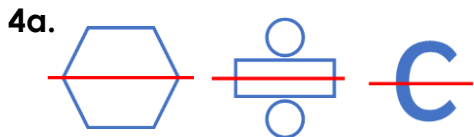
VF

Varied Fluency Horizontal and Vertical

Developing

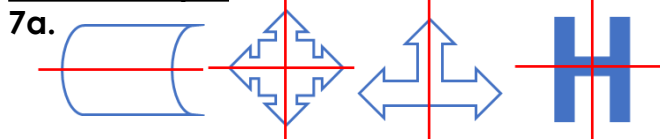
- 1a. 2
2a. Vertical; Horizontal
3a. 1

Expected



- 5a. A – both, B – vertical, C – horizontal,
D – both
6a. 2

Greater Depth



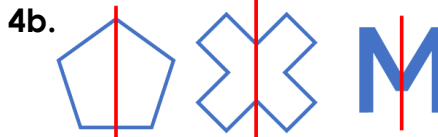
- 8a. A – both, B – vertical, C – horizontal,
D – neither
9a. 4

Varied Fluency Horizontal and Vertical

Developing

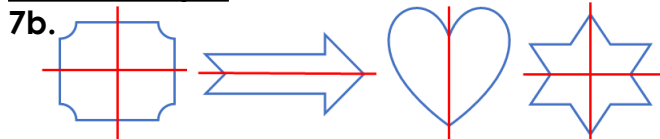
- 1b. 1
2b. Horizontal; Vertical
3b. 2

Expected



- 5b. A – horizontal, B – horizontal,
C – vertical, D – both
6b. 2

Greater Depth



- 8b. A – both, B – neither, C – both,
D – vertical
9b. 1 and 4