

Varied Fluency

Step 5: Lines of Symmetry

National Curriculum Objectives:

Mathematics Year 2: (2G2a) [Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line](#)

Differentiation:

Developing Questions to support identifying vertical lines of symmetry in 2D shapes. All shapes presented on dotted paper.

Expected Questions to support identifying vertical lines of symmetry in 2D shapes.

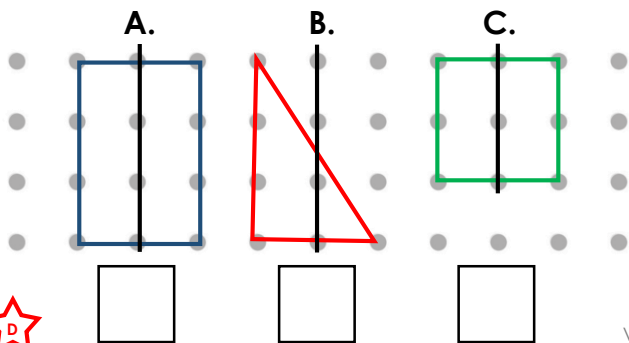
Greater Depth Questions to support identifying vertical and horizontal lines of symmetry in 2D shapes and images.

More [Year 2 Properties of Shape](#) resources.

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

Lines of Symmetry

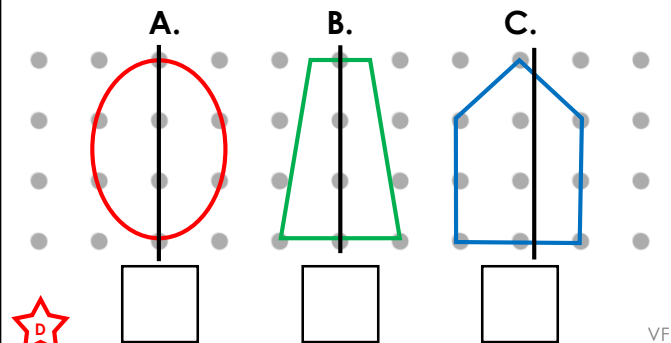
1a. Tick the shapes that have a vertical line of symmetry drawn correctly.



VF

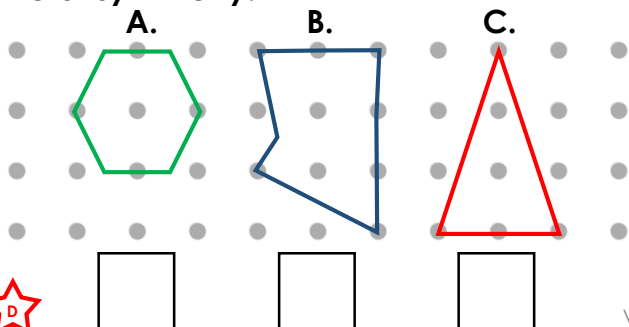
Lines of Symmetry

1b. Tick the shapes that have a vertical line of symmetry drawn correctly.



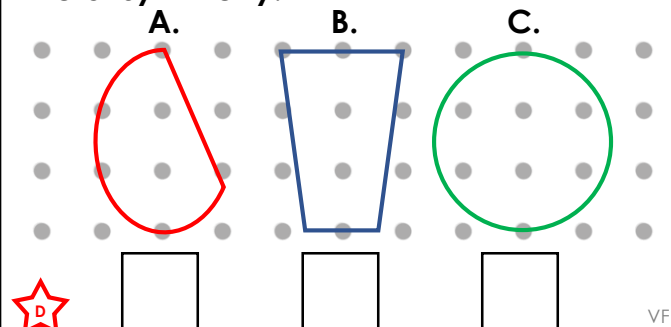
VF

2a. Tick the shapes that have a vertical line of symmetry.



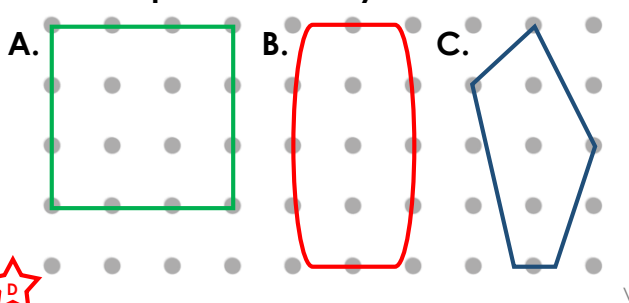
VF

2b. Tick the shapes that have a vertical line of symmetry.



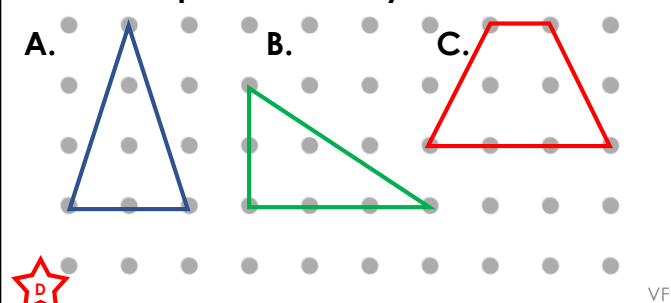
VF

3a. Draw a vertical line of symmetry on all the shapes that are symmetrical.



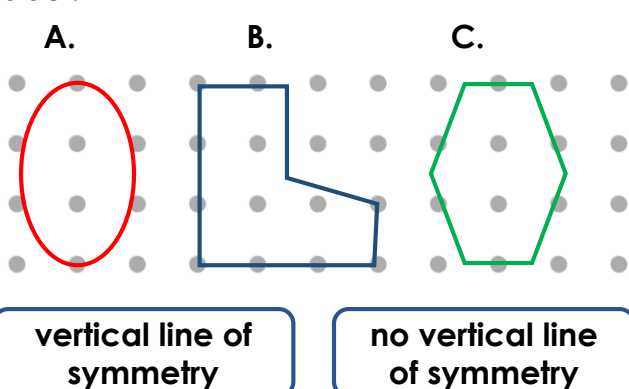
VF

3b. Draw a vertical line of symmetry on all the shapes that are symmetrical.



VF

4a. Match the shapes to the correct label.



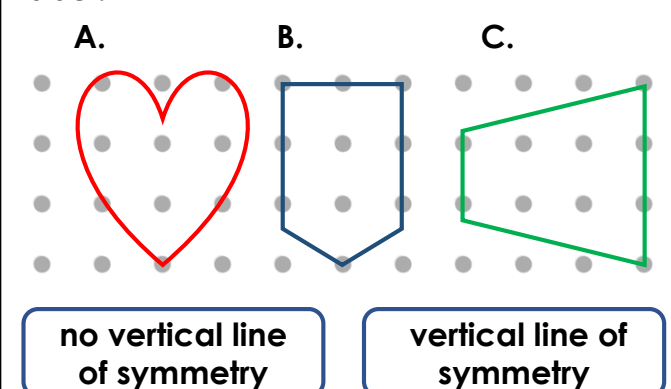
vertical line of symmetry

no vertical line of symmetry



VF

4b. Match the shapes to the correct label.



no vertical line of symmetry

vertical line of symmetry

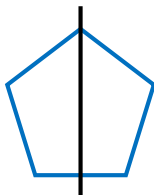


VF

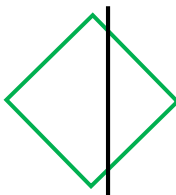
Lines of Symmetry

5a. Tick the shapes that have a vertical line of symmetry drawn correctly.

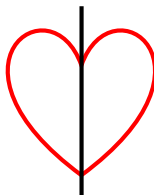
A.

☐

B.

☐

C.

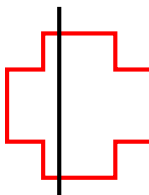
☐

VF

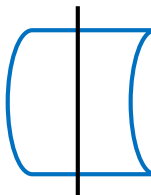
Lines of Symmetry

5b. Tick the shapes that have a vertical line of symmetry drawn correctly.

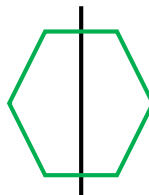
A.

☐

B.

☐

C.

☐

VF

6a. Tick the shapes that have a vertical line of symmetry.

A.

☐

B.

☐

C.

☐

VF

6b. Tick the shapes that have a vertical line of symmetry.

A.

☐

B.

☐

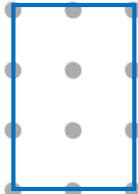
C.

☐

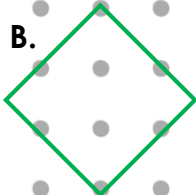
VF

7a. Draw a vertical line of symmetry on all the shapes that are symmetrical.

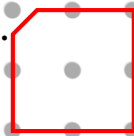
A.



B.



C.



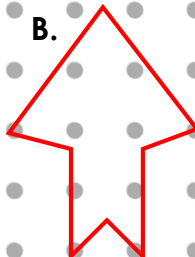
VF

7b. Draw a vertical line of symmetry on all the shapes that are symmetrical.

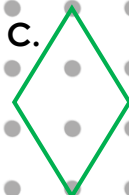
A.



B.



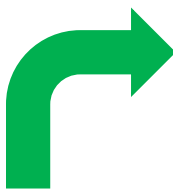
C.



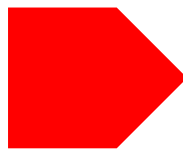
VF

8a. Match the shapes to the correct label.

A.



B.



C.



vertical line of symmetry

no vertical line of symmetry



VF

8b. Match the shapes to the correct label.

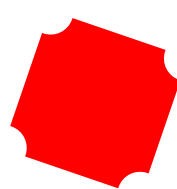
A.



B.



C.



no vertical line of symmetry

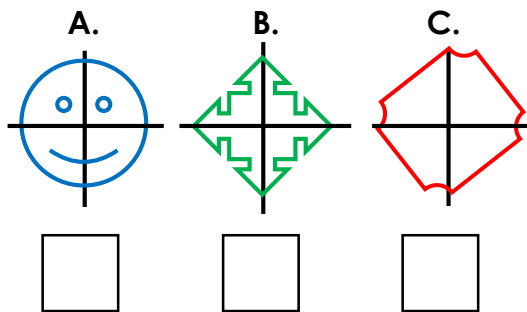
vertical line of symmetry



VF

Lines of Symmetry

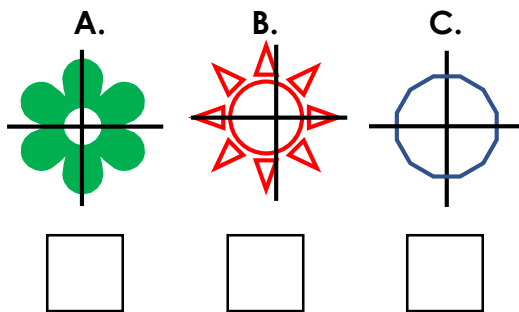
9a. Tick the shapes that have a vertical and horizontal line of symmetry drawn correctly.



VF

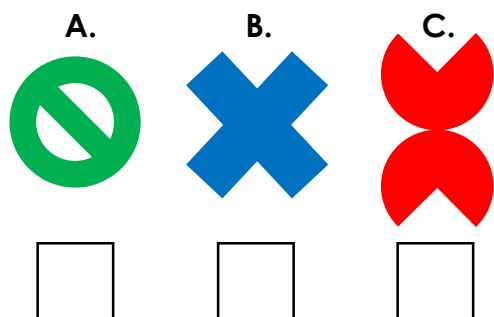
Lines of Symmetry

9b. Tick the shapes that have a vertical and horizontal line of symmetry drawn correctly.



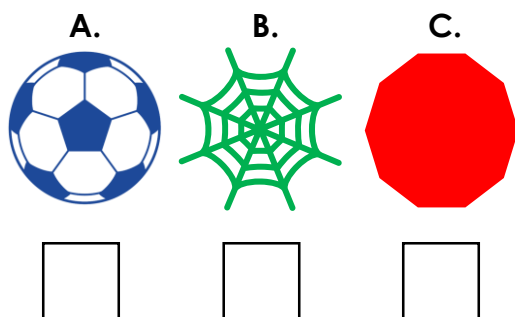
VF

10a. Tick the shapes that have vertical and horizontal lines of symmetry.



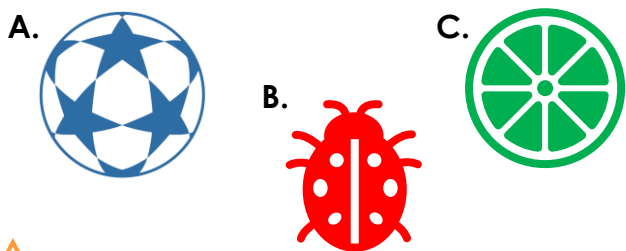
VF

10b. Tick the shapes that have vertical and horizontal lines of symmetry.



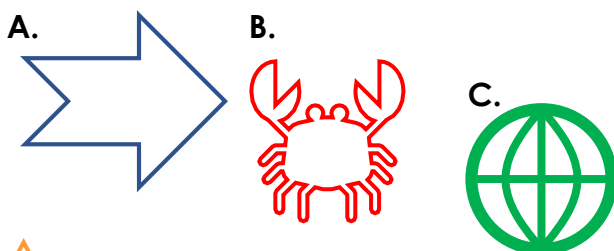
VF

11a. Draw vertical and/or horizontal lines of symmetry where appropriate.



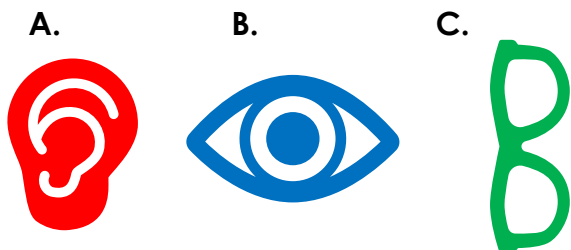
VF

11b. Draw vertical and/or horizontal lines of symmetry where appropriate.



VF

12a. Match the shapes to the correct label.



vertical
line of
symmetry

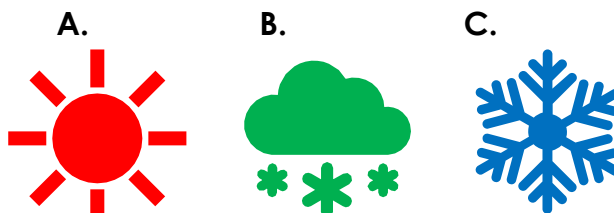
horizontal
line of
symmetry

No line of
symmetry



VF

12b. Match the shapes to the correct label.



vertical
line of
symmetry

horizontal
line of
symmetry

No line of
symmetry



VF

Varied Fluency Lines of Symmetry

Developing

- 1a. A and C
- 2a. A and C
- 3a. A and B have a vertical line drawn in the centre of the shape.
- 4a. Vertical line of symmetry: A and C
No vertical line of symmetry: B

Expected

- 5a. A and C
- 6a. B
- 7a. A and B have a vertical line in the centre of the shape.
- 8a. Vertical line of symmetry: C
No vertical line of symmetry: A and B

Greater Depth

- 9a. B
- 10a. B and C
- 11a. A. vertical line of symmetry only;
B. vertical line of symmetry only;
C. vertical and horizontal line of symmetry
- 12a. Vertical line of symmetry: B
Horizontal line of symmetry: B and C
No line of symmetry: A

Varied Fluency Lines of Symmetry

Developing

- 1b. A and B
- 2b. B and C
- 3b. A and C have a vertical line drawn in the centre of the shape.
- 4b. No vertical line of symmetry: C
Vertical line of symmetry: A and B

Expected

- 5b. C
- 6b. A and C
- 7b. B and C have a vertical line in the centre of the shape.
- 8b. No vertical line of symmetry: B and C
Vertical line of symmetry: A

Greater Depth

- 9b. A and C
- 10b. B and C
- 11b. A. horizontal line of symmetry only;
B. vertical line of symmetry only;
C. vertical and horizontal line of symmetry
- 12b. Vertical line of symmetry: A and C
Horizontal line of symmetry: A and C
No line of symmetry: B