

Varied Fluency

Step 2: Reflection

National Curriculum Objectives:

Mathematics Year 5: (5P2) [Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed](#)

Differentiation:

Developing Questions to support reflection of shapes and coordinates using vertical and horizontal mirror lines. Regular polygons with up to 4 sides.

Expected Questions to support reflection of shapes and coordinates using vertical and horizontal mirror lines. Regular polygons with up to 6 sides.

Greater Depth Questions to support reflection of shapes and coordinates using vertical, horizontal and diagonal mirror lines, including some without grids. Irregular shapes with up to 8 sides.

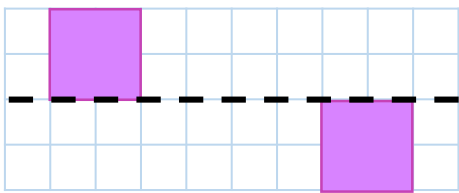
More [Year 5 Position and Direction](#) resources.

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

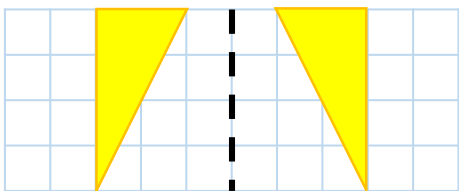
Reflection

1a. Are the reflected images correct or incorrect?

A.



B.

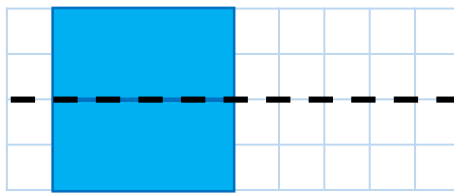


VF

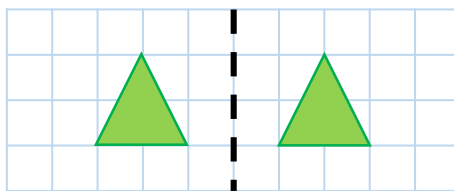
Reflection

1b. Are the reflected images correct or incorrect?

A.

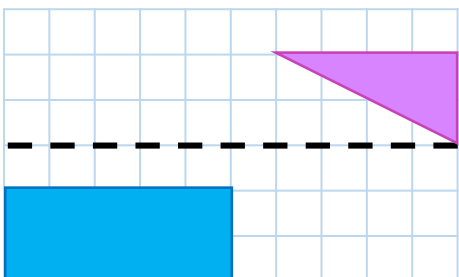


B.



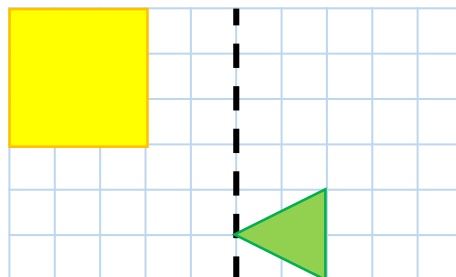
VF

2a. Reflect the shapes in the mirror line.



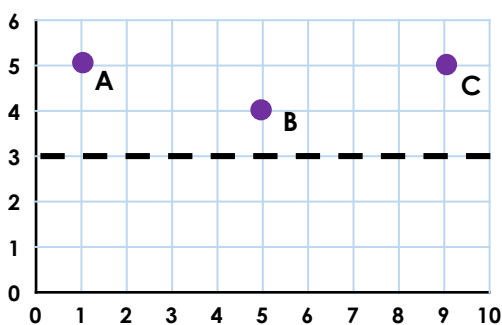
VF

2b. Reflect the shapes in the mirror line.



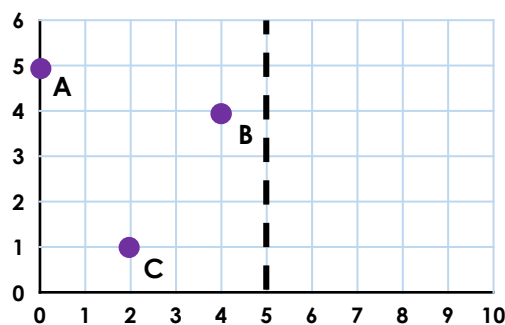
VF

3a. Reflect the points in the mirror line.
Write the coordinates of the reflected points.



VF

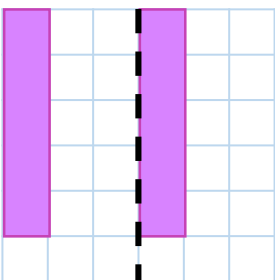
3b. Reflect the points in the mirror line.
Write the coordinates of the reflected points.



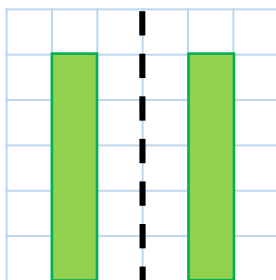
VF

4a. Tick the image showing the correct reflection.

A.



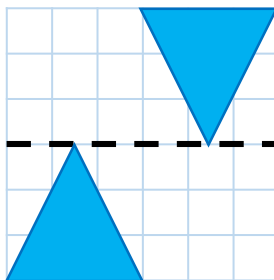
B.



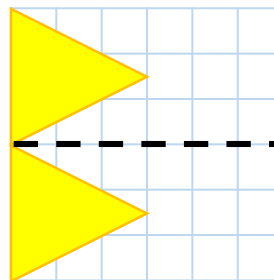
VF

4b. Tick the image showing the correct reflection.

A.



B.

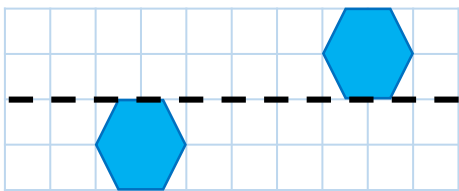


VF

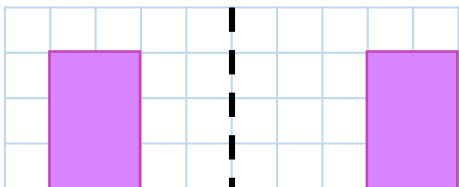
Reflection

5a. Are the reflected images correct or incorrect?

A.



B.

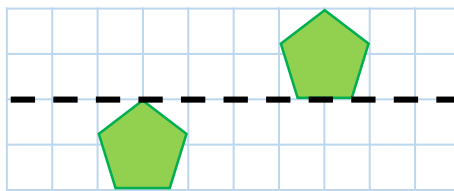


VF

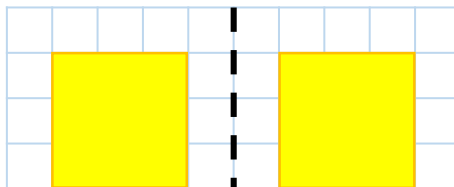
Reflection

5b. Are the reflected images correct or incorrect?

A.

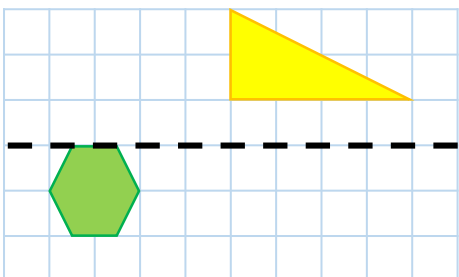


B.



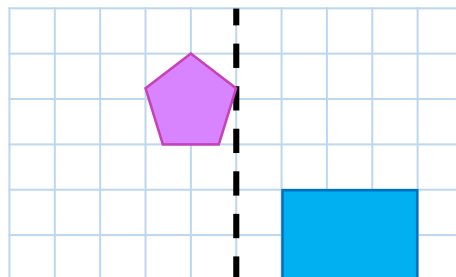
VF

6a. Reflect the shapes in the mirror line.



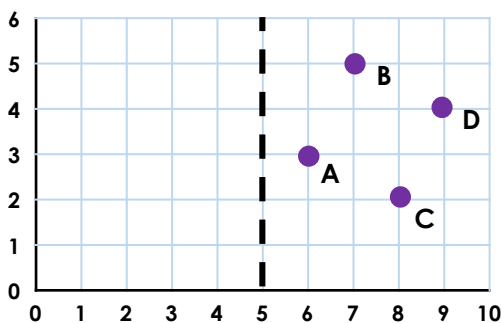
VF

6b. Reflect the shapes in the mirror line.



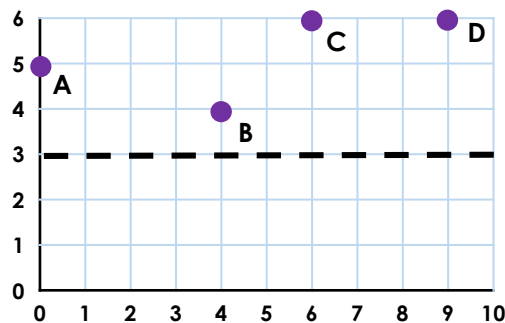
VF

7a. Reflect the points in the mirror line. Write the coordinates of the reflected points.



VF

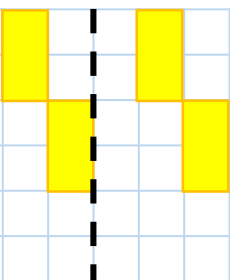
7b. Reflect the points in the mirror line. Write the coordinates of the reflected points.



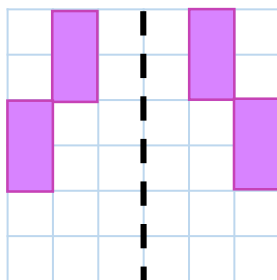
VF

8a. Tick the image showing the correct reflection.

A.



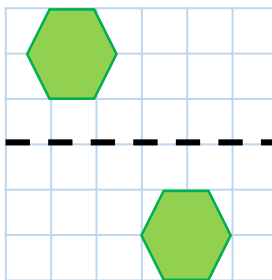
B.



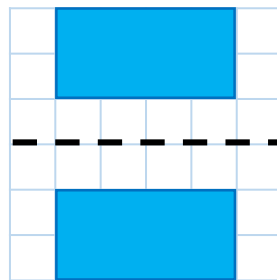
VF

8b. Tick the image showing the correct reflection.

A.



B.

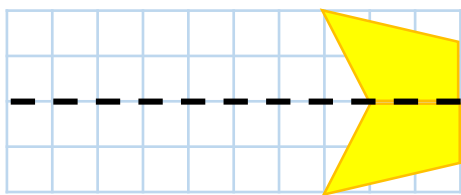


VF

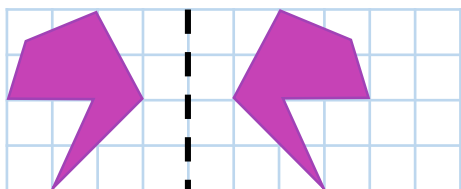
Reflection

9a. Are the reflected images correct or incorrect?

A.



B.

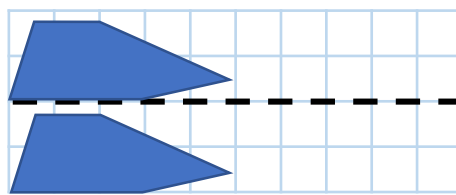


VF

Reflection

9b. Are the reflected images correct or incorrect?

A.

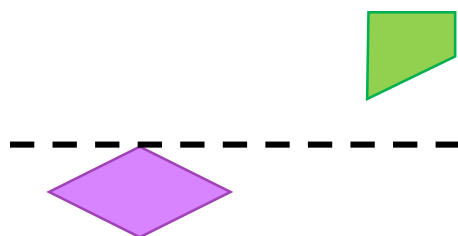


B.



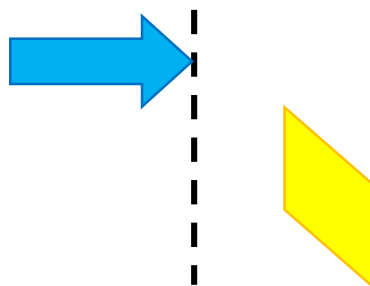
VF

10a. Reflect the shapes in the mirror line.



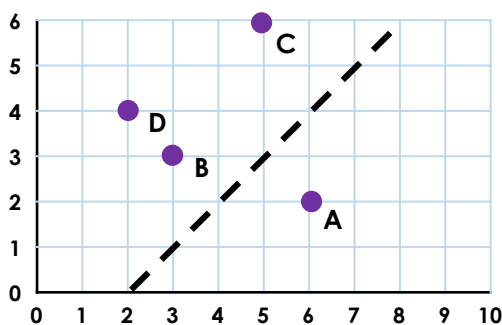
VF

10b. Reflect the image in the mirror line.



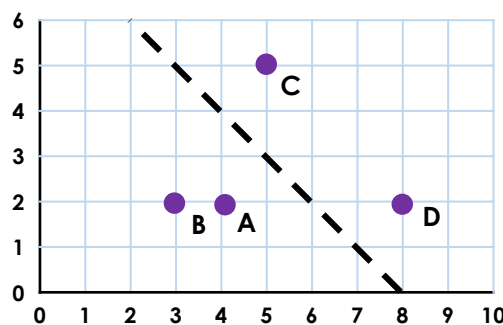
VF

11a. Reflect the points in the mirror line. Write the coordinates of the reflected points.



VF

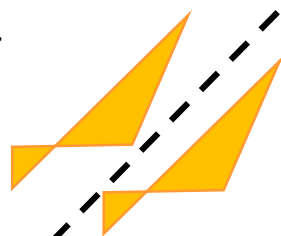
11b. Reflect the points in the mirror line. Write the coordinates of the reflected points.



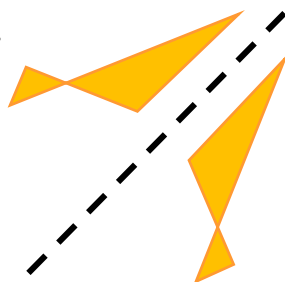
VF

12a. Tick the image showing the correct reflection.

A.



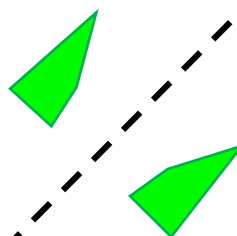
B.



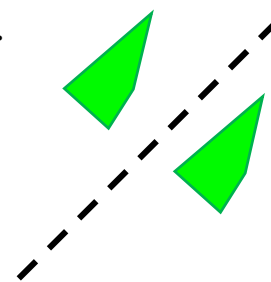
VF

12b. Tick the image showing the correct reflection.

A.



B.



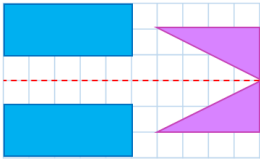
VF

Varied Fluency Reflection

Developing

1a. **A is incorrect, B is correct.**

2a.



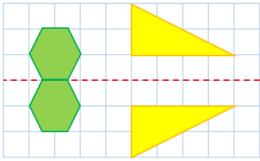
3a. **A = (1, 1), B = (5, 2), C = (9, 1)**

4a. **B**

Expected

5a. **A is incorrect, B is incorrect.**

6a.



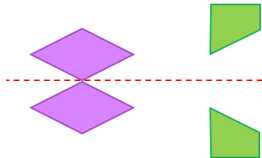
7a. **A = (4, 3), B = (3, 5), C = (2, 2),
D = (1, 4)**

8a. **B**

Greater Depth

9a. **A is correct, B is correct.**

10a.



11a. **A = (4, 4), B = (5, 1), C = (8, 3),
D = (6, 0)**

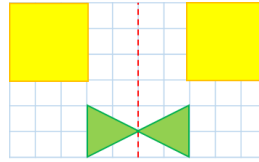
12a. **B**

Varied Fluency Reflection

Developing

1b. **A is correct, B is correct.**

2b.



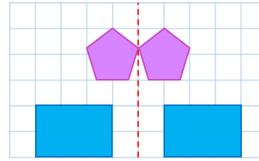
3b. **A = (10, 5), B = (6, 4), C = (8, 1)**

4b. **B**

Expected

5b. **A is incorrect, B is correct.**

6b.



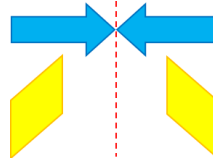
7b. **A = (0, 1), B = (4, 2), C = (6, 0),
D = (9, 0)**

8b. **B**

Greater Depth

9b. **A is incorrect, B is incorrect.**

10b.



11b. **A = (6, 4), B = (6, 5), C = (3, 3),
D = (6, 0)**

12b. **A**