

Varied Fluency

Step 11: Symmetric Figures

National Curriculum Objectives:

Mathematics Year 4: (4G2b) [Identify lines of symmetry in 2-D shapes presented in different orientations](#)

Mathematics Year 4: (4G2c) [Complete a simple symmetric figure with respect to a specific line of symmetry](#)

Differentiation:

Developing Questions to support completing horizontally or vertically symmetric solid patterns, where the line of symmetry always falls on the grid line, all patterns using no more than 8 squares and arranged in a solid formation.

Expected Questions to support completing horizontally or vertically symmetric patterns, where the line of symmetry either falls on a gridline or between grid lines. All patterns using no more than 12 squares and arranged in a random formation close to the mirror line.

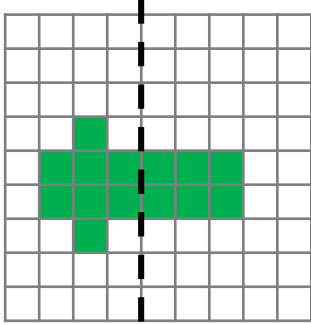
Greater Depth Questions to support completing horizontally, vertically or diagonally symmetric patterns, where the line of symmetry either falls on a grid line or between gridlines. All patterns using no more than 12 squares and arranged in a random formation using the whole grid.

More [Year 4 and Year 5 Properties of Shapes](#) resources.

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

Symmetric Figures

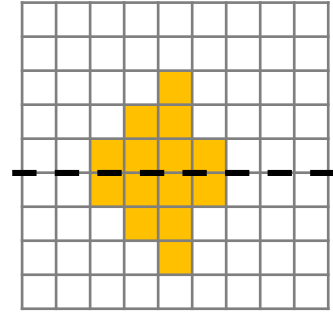
1a. True or false? This pattern has been reflected correctly in the mirror line.



4 VF

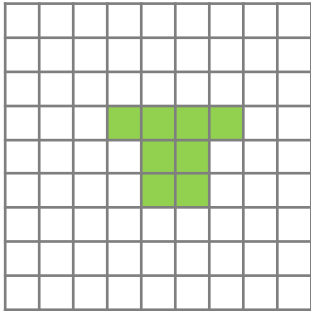
Symmetric Figures

1b. True or false? This pattern has been reflected correctly in the mirror line.



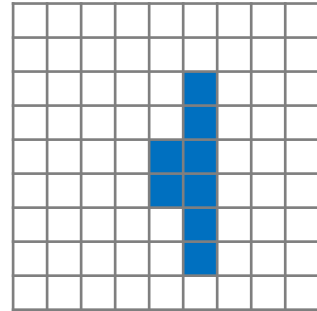
4 VF

2a. Draw the line of symmetry.



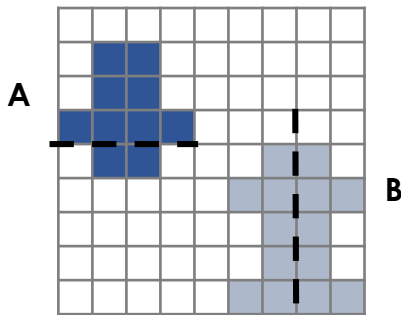
4 VF

2b. Draw the line of symmetry.



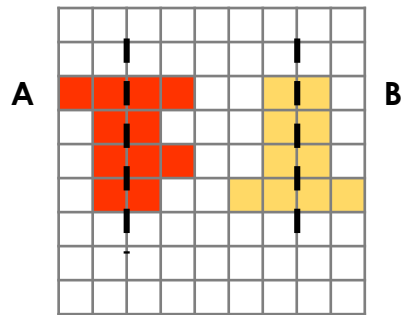
4 VF

3a. Identify the pattern with the correct line of symmetry.



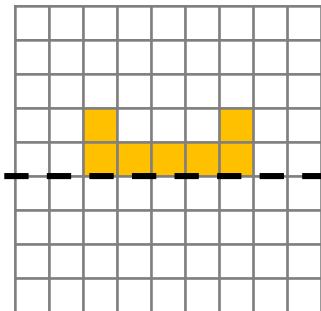
4 VF

3b. Identify the pattern with the correct line of symmetry.



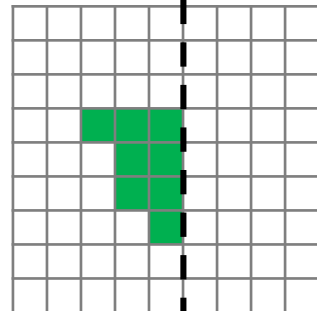
4 VF

4a. Reflect the pattern in the mirror line.



4 VF

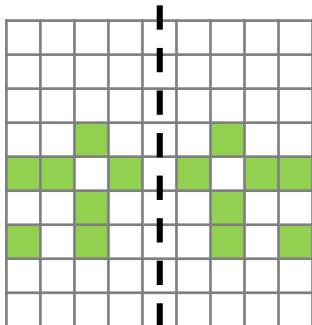
4b. Reflect the pattern in the mirror line.



4 VF

Symmetric Figures

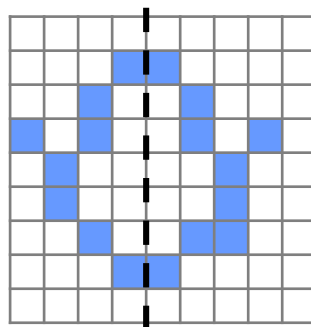
5a. True or false? This pattern has been reflected correctly in the mirror line.



4 VF

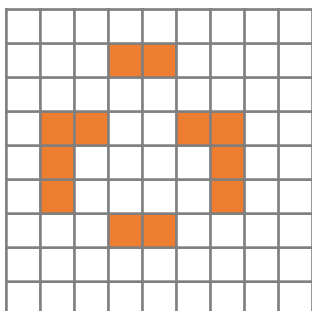
Symmetric Figures

5b. True or false? This pattern has been reflected correctly in the mirror line.



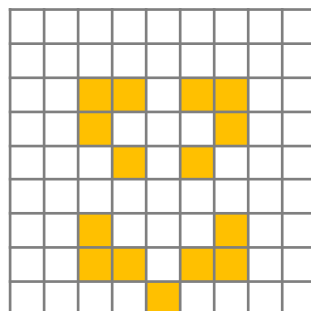
4 VF

6a. Draw the line of symmetry.



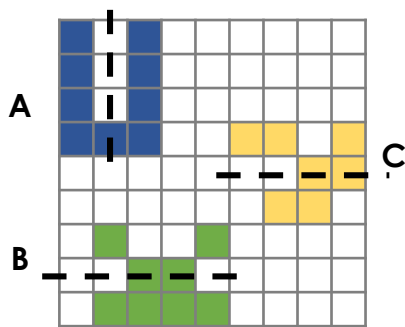
4 VF

6b. Draw the line of symmetry.



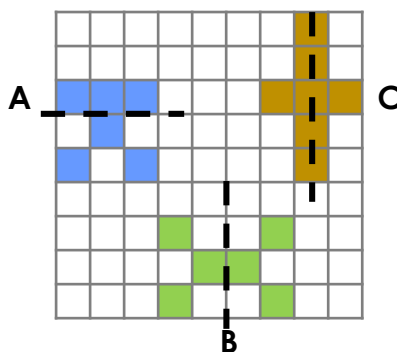
4 VF

7a. Identify the patterns with the correct line of symmetry.



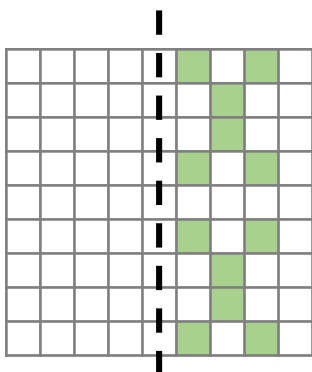
4 VF

7b. Identify the patterns with the correct line of symmetry.



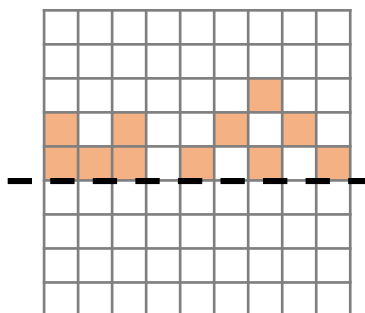
4 VF

8a. Reflect the pattern in the mirror line.



4 VF

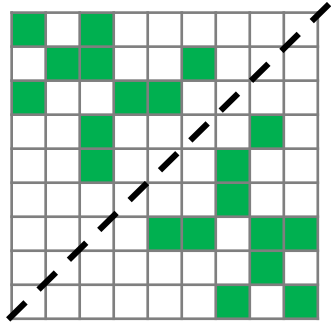
8b. Reflect the pattern in the mirror line.



4 VF

Symmetric Figures

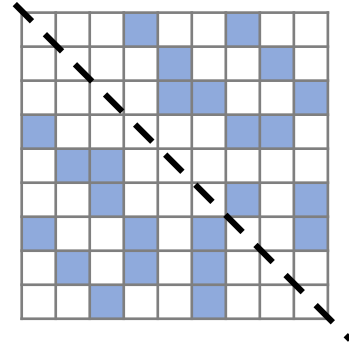
9a. True or false? This pattern has been reflected correctly in the mirror line.



4 VF

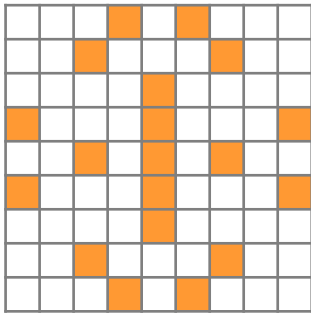
Symmetric Figures

9b. True or false? This pattern has been reflected correctly in the mirror line.



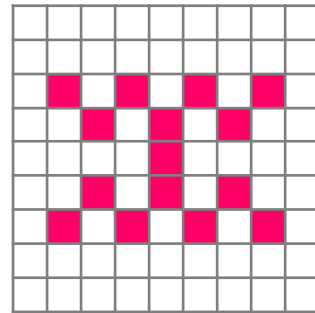
4 VF

10a. Draw the lines of symmetry.



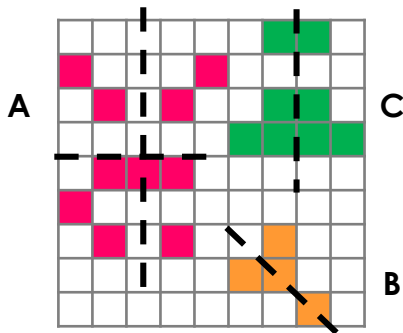
4 VF

10b. Draw the lines of symmetry.



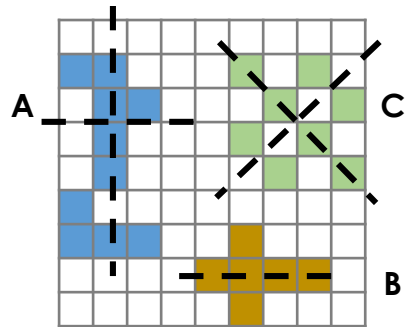
4 VF

11a. Identify the patterns with the correct lines of symmetry.



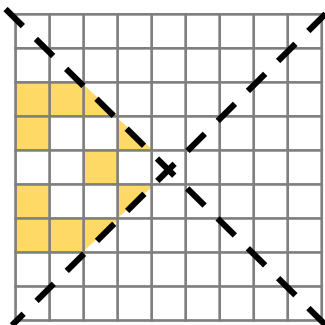
4 VF

11b. Identify the patterns with the correct lines of symmetry.



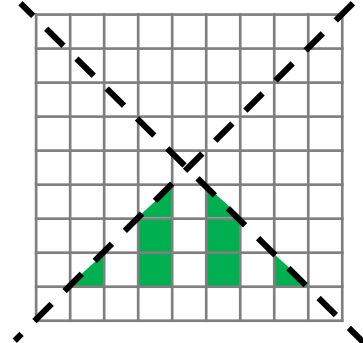
4 VF

12a. Reflect the pattern in the mirror lines.



4 VF

12b. Reflect the pattern in the mirror lines.



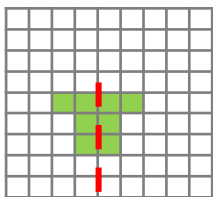
4 VF

Varied Fluency Symmetric Figures

Developing

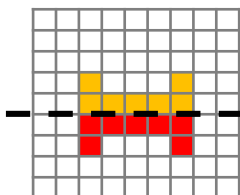
1a. **False**

2a.



3a. **B**

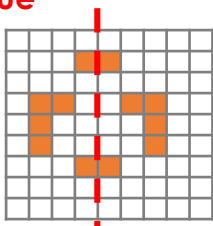
4a.



Expected

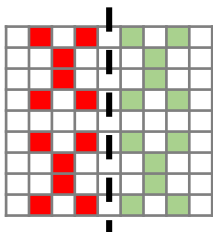
5a. **True**

6a.



7a. **A**

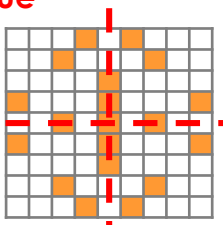
8a.



Greater Depth

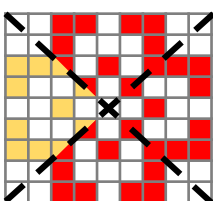
9a. **True**

10a.



11a. **B and C**

12a.

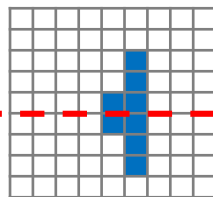


Varied Fluency Symmetric Figures

Developing

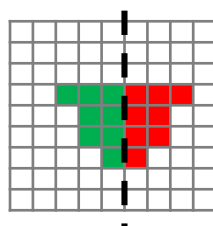
1b. **True**

2b.



3b. **B**

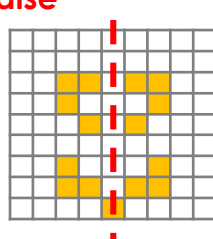
4b.



Expected

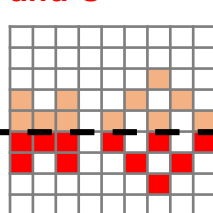
5b. **False**

6b.



7b. **B and C**

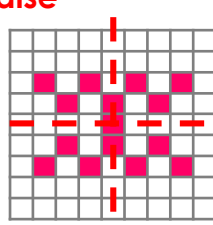
8b.



Greater Depth

9b. **False**

10b.



11b. **B and C**

12b.

