

# Varied Fluency

## Step 6: 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.

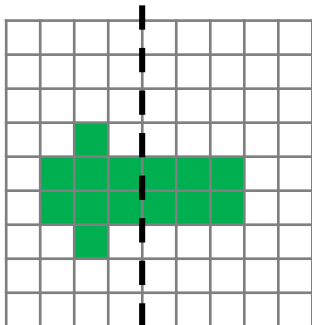
**Greater Depth** Questions to support completing horizontally, vertically or diagonally symmetric patterns, where the line of symmetry either falls on a grid line or between gridlines. All patterns using no more than 12 squares and arranged in a random formation using the whole grid.

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

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

## Symmetric Figures

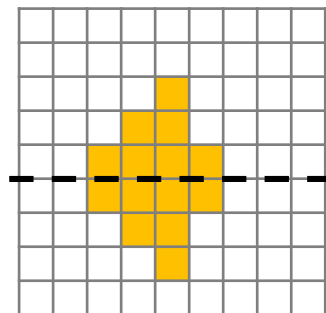
1a. True or false? This pattern has been reflected correctly in the mirror line.



VF

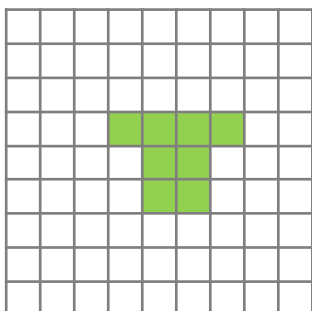
## Symmetric Figures

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



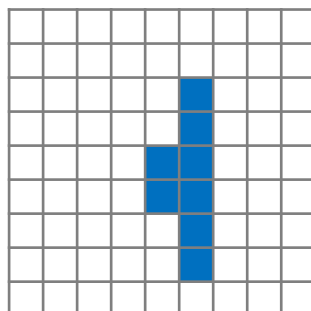
VF

2a. Draw the line of symmetry.



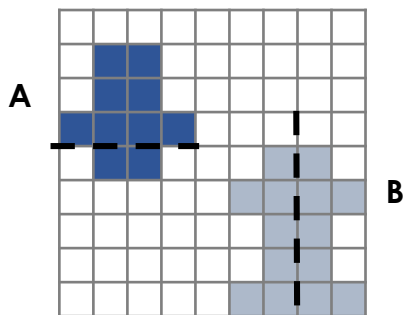
VF

2b. Draw the line of symmetry.



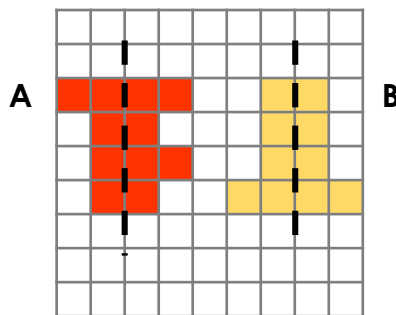
VF

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



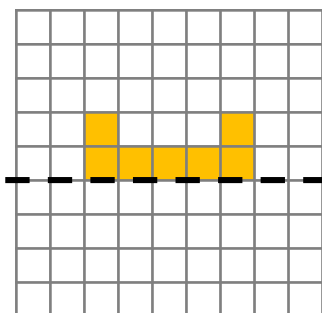
VF

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



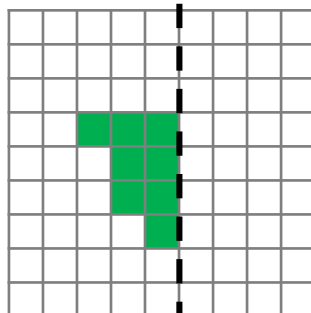
VF

4a. Reflect the pattern in the mirror line.



VF

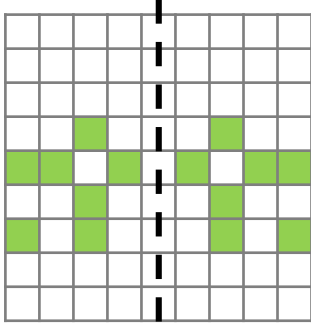
4b. Reflect the pattern in the mirror line.



VF

## Symmetric Figures

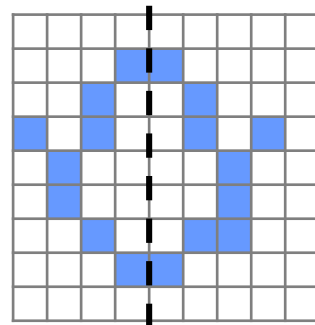
5a. True or false? This pattern has been reflected correctly in the mirror line.



VF

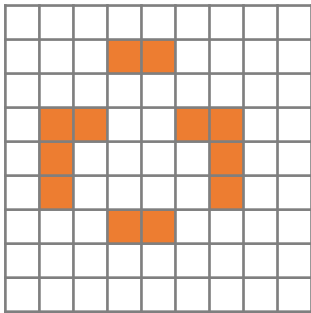
## Symmetric Figures

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



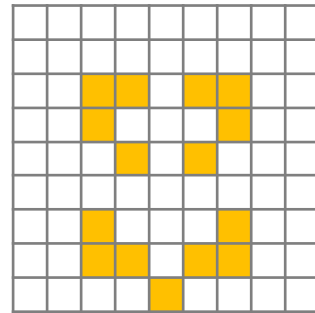
VF

6a. Draw the line of symmetry.



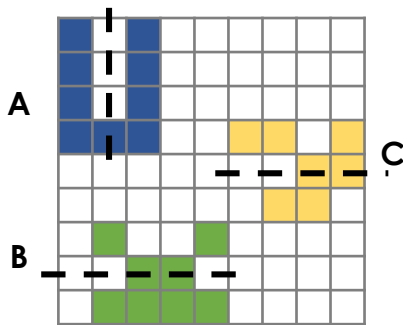
VF

6b. Draw the line of symmetry.



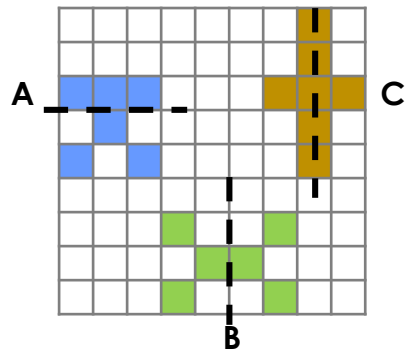
VF

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



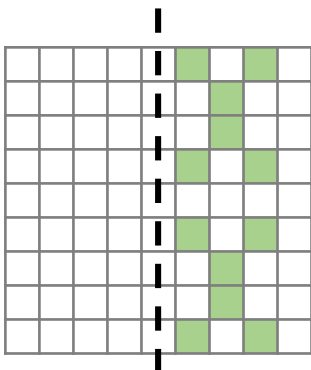
VF

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



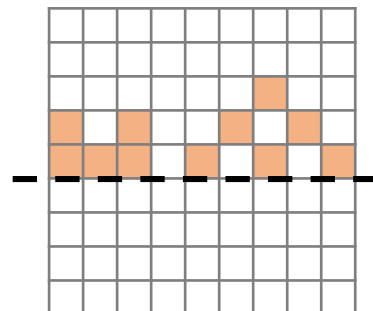
VF

8a. Reflect the pattern in the mirror line.



VF

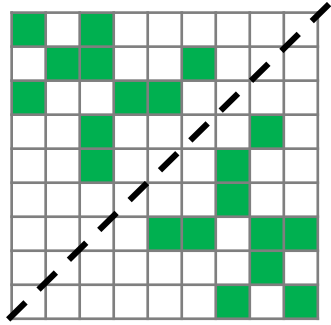
8b. Reflect the pattern in the mirror line.



VF

## Symmetric Figures

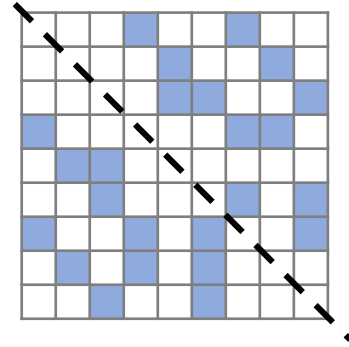
9a. True or false? This pattern has been reflected correctly in the mirror line.



VF

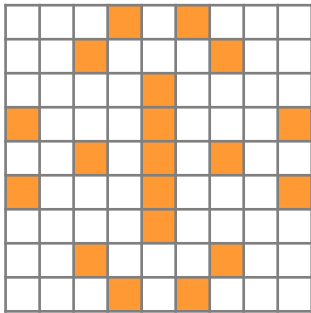
## Symmetric Figures

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



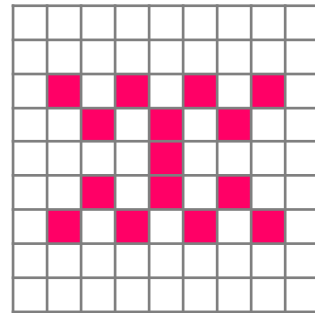
VF

10a. Draw the lines of symmetry.



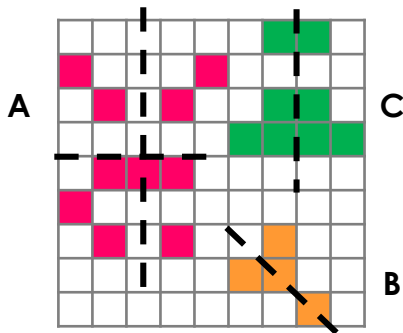
VF

10b. Draw the lines of symmetry.



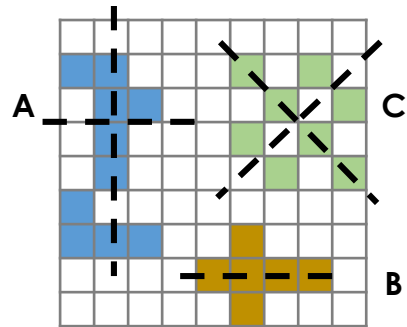
VF

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



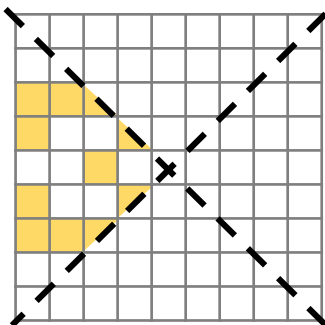
VF

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



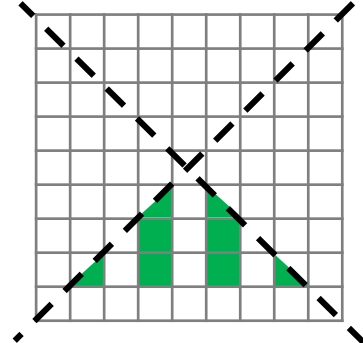
VF

12a. Reflect the pattern in the mirror lines.



VF

12b. Reflect the pattern in the mirror lines.



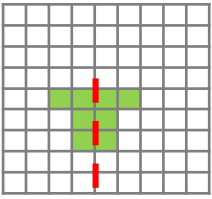
VF

## Varied Fluency Symmetric Figures

### Developing

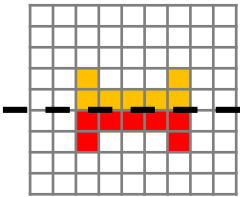
1a. **False**

2a.



3a. **B**

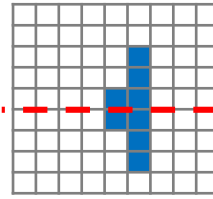
4a.



### Developing

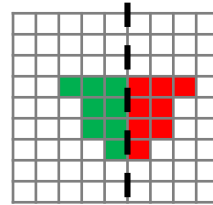
1b. **True**

2b.



3b. **B**

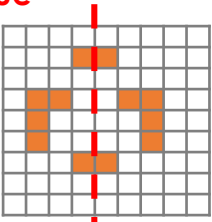
4b.



### Expected

5a. **True**

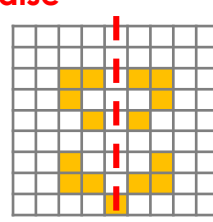
6a.



### Expected

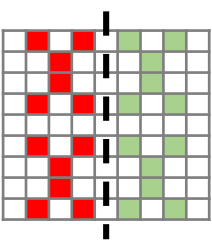
5b. **False**

6b.



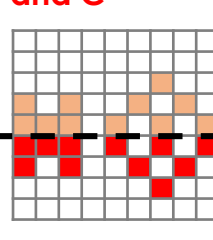
7a. **A**

8a.



7b. **B and C**

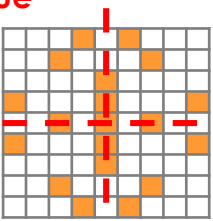
8b.



### Greater Depth

9a. **True**

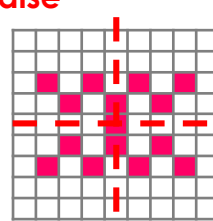
10a.



### Greater Depth

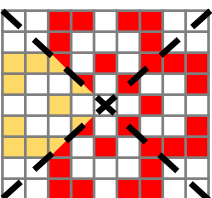
9b. **False**

10b.



11a. **B and C**

12a.



11b. **B and C**

12b.

