Name: _____ Date: _____

Symmetry

Write the answer in the box. Some answers have a pick list.



1 What does a vertical line of symmetry tell you?

💡 Hint: Read the question again slowly. What do you need to find? Draw a picture to help.

Write your answer

2 A design has a red dot 2 squares above and 3 squares left of a vertical mirror line. Where is its image?

💡 Hint: Line up the digits. Start with the ones.

Write your answer

3 A line divides a pattern into two matching mirror-image halves. Is it a line of symmetry?

💡 Hint: Find the jump between two numbers next to each other.

_____

4 Which has more lines of symmetry: a square or a non-square rectangle?

💡 Hint: Line up the digits. Start with the ones.

_____

5 A point is 3 squares left and 2 squares up from a vertical mirror line. Describe its image.

💡 Hint: Line up the digits. Start with the ones.

Write your answer

6 Why does a circle have more than one line of symmetry?

💡 Hint: Read the question again slowly. What do you need to find? Draw a picture to help.

Write your answer

7 How many lines of symmetry does a regular hexagon have?

💡 Hint: Read the question again slowly. What do you need to find? Draw a picture to help.

_____