Name: _____ Date: _____

Symmetry

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



1 How many diagonal lines of symmetry does an equilateral triangle have?

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

0

2 Point Q is 5 squares below a horizontal mirror line. How far above the line is Q′?

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

5 squares

3 Point P is 3 squares to the left of a vertical mirror line. How far to the right of the line is P′?

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

3 squares

4 Point Q is 1 square below a horizontal mirror line. How far above the line is Q′?

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

1 square

5 How many lines of symmetry does a square have?

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

4

6 Point P is 5 squares to the left of a vertical mirror line. How far to the right of the line is P′?

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

5 squares

7 Point Q is 4 squares below a horizontal mirror line. How far above the line is Q′?

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

4 squares

8 A non-square rectangle has 2 lines of symmetry.

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

◯ False ◯ True

True

9 Point P is 4 squares to the left of a vertical mirror line. How far to the right of the line is P′?

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

4 squares

10 How many diagonal 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.

3