

# Line Symmetry

Name:	Class:	Date:
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1) Complete the table to show the line symmetry of triangles.

Type of Triangle	Number of Lines of Symmetry
Scalene	
Isosceles	
Equilateral	

[1]

2) Complete the table to show the line symmetry of regular polygons.

Regular Polygons	Number of Lines of Symmetry
Nonagon	
Heptagon	
Pentagon	
Hexagon	
Octagon	
Square	
Decagon	
Triangle	

[1]

3) Complete the table to show the line symmetry of quadrilaterals.

Quadrilaterals	Number of Lines of Symmetry
Square	
Rectangle	
Parallelogram	
Rhombus	
Kite	

[1]

4) Find the number of lines of symmetry for the letter below.



[1]

5) Find the number of lines of symmetry for the flag below.



[1]

6) Find the number of lines of symmetry for the letter below.



[1]

7) Find the number of lines of symmetry for the flag below.

[1]



## Solutions for the assessment Line Symmetry

1)

Scalene Triangle: none

Isosceles Triangle: 1

Equilateral Triangle: 3

2)

Nonagon: 9

Heptagon: 7

Pentagon: 5

Hexagon: 6

Octagon: 8

Square: 4

Decagon: 10

Triangle: 3

3)

Square: 4

Rectangle: 2

Parallelogram: none

Rhombus: 2

Kite: 1

4) Number of lines of symmetry = 0

5)

Number of lines of symmetry = 2

6) Number of lines of symmetry = 0

7)

Number of lines of symmetry = 1