

3.G.1.-Test1B Understand that shapes in different categories may share

Multiple Choice

Identify the choice that best completes the statement or answers the question.

1. How many sides does a triangle have?
a. 3
b. 5
c. 8
d. 4
2. How many sides does an equilateral triangle have?
a. 6
b. 10
c. 3
d. 4
3. How many sides does a square have?
a. 6
b. 4
c. 3
d. 10
4. How many sides does a decagon have?
a. 3
b. 10
c. 8
d. 4
5. How many sides does a rhombus have?
a. 4
b. 10
c. 3
d. 6
6. How many sides does a quadrilateral have?
a. 5
b. 8
c. 6
d. 4
7. How many sides does a hexagon have?
a. 4
b. 6
c. 8
d. 3
8. How many sides does an octagon have?
a. 3
b. 6
c. 8
d. 4
9. How many sides does a rectangle have?
a. 5
b. 6
c. 3
d. 4
10. How many sides does a trapezoid have?
a. 10
b. 4
c. 6
d. 3

Answer 1: A

A Polygon is a 2-dimensional closed shape made of straight lines, geometric shapes are labeled by the number of sides they have. Triangle 3, quadrilateral 4, hexagon 6, octagon 8, decagon 10. Shapes in these different categories share attributes. For example a rhombus, rectangle, and square are all quadrilaterals because they have 4 sides, but they make a different shape.

Answer 2: C

A Polygon is a 2-dimensional closed shape made of straight lines, geometric shapes are labeled by the number of sides they have. Triangle 3, quadrilateral 4, hexagon 6, octagon 8, decagon 10. Shapes in these different categories share attributes. For example a rhombus, rectangle, and square are all quadrilaterals because they have 4 sides, but they make a different shape.

Answer 3: B

Answer 4: B

Answer 5: A

Answer 6: D

Answer 7: B

Answer 8: C

Answer 9: D

Answer 10: B