Name:_____

Date Started: _____Date Completed: _____Score:_____

Learning Activity Sheet
SIDES OF A POLYGON

Write the letter of the correct answer on the space provided before the number:

___1.   **A triangle is a polygon with how many sides?**
a) Two
b) Three
c) Four
d) Five

___2.   **Which of the following is NOT a property of a parallelogram?**
a) Opposite sides are parallel
b) Opposite sides are congruent
c) Diagonals bisect each other
d) Diagonals are perpendicular

___3.   **How many right angles does a rectangle have?**
a) One
b) Two
c) Three
d) Four

___4.   **What property does a rhombus have that a parallelogram does NOT necessarily have?**
a) Opposite sides are congruent
b) Diagonals bisect each other
c) All sides are congruent
d) Diagonals are perpendicular

___5.   **A square is a polygon that has all the properties of which two shapes?**
a) Rectangle and rhombus
b) Triangle and rectangle
c) Parallelogram and kite
d) Rhombus and kite

___6.   **How many pairs of congruent sides does a kite have?**
a) One
b) Two
c) Three
d) Four

___7.   **What property do the diagonals of a square have?**
a) They bisect each other and are congruent
b) They bisect each other and are perpendicular
c) They are parallel
d) They are not congruent

___8.   **In a rhombus, the diagonals have what relationship to the opposite angles?**
a) They bisect each other
b) They are perpendicular
c) They are congruent
d) They are parallel

___9.   **Which shape has two distinct pairs of congruent sides?**
a) Triangle
b) Parallelogram
c) Kite
d) Rhombus

___10.   **What is the total number of angles in a triangle?**
a) Three
b) Four
c) Five
d) Six

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