

Name: _____
Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet
Quadrilaterals and Parallelograms

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

- _____ 1. Which of the following is TRUE?
A. A quadrilateral is not a parallelogram.
B. A quadrilateral is not a parallelogram if no sides are parallel.
C. A quadrilateral is a parallelogram if the diagonals do not bisect each other.
D. A quadrilateral is a parallelogram if both pairs of opposite angles are congruent.
- _____ 2. How do you describe any two opposite angles of a parallelogram?
A. They are always congruent.
B. They are supplementary.
C. They are complementary.
D. They are both right angles.
- _____ 3. How do you describe any two opposite sides of a parallelogram?
A. They are always congruent.
B. They are supplementary.
C. They are complementary.
D. They are both right angles.
- _____ 4. What can you say about any consecutive angles of a parallelogram?
A. They are always congruent.
B. They are always supplementary.
C. They are always complementary.
D. They are both right angles.
- _____ 5. Given any parallelogram, which statement could be false?
A. The opposite sides are congruent.
B. The opposite angles are congruent.
C. Consecutive angles are complementary.
D. Diagonals bisect each other.
- _____ 6. Two consecutive angles of a parallelogram have measures $(2x + 7)^\circ$ and $(3x + 8)^\circ$. What is the measure of the larger angle?
A. 73° C. 93°
B. 83° D. 107°
- _____ 7. What is the measure of $\angle 3$ in TRUE?
A. 80° C. 100
B. 90° D. 110°
- _____ 8. Refer to the figure in item number 7. What is the measure of $\angle 1$ in TRUE?
A. 80° C. 110°
B. 90° D. 100°
- _____ 9. Refer to the figure in item number 7. What is the measure of $\angle 2$ in TRUE?
A. 80° C. 100°
B. 90° D. 110°
- _____ 10. What is the sum of all angles of a quadrilateral?
A. 180° C. 360°
B. 90° D. 270°