



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

Learning Activity Sheet
Regular and Irregular Polygons

A. True or False. Write T if the statement is true and F if it is false.

- _____ 1. A heptagon has 6 sides.
- _____ 2. All quadrilaterals have 4 sides.
- _____ 3. A decagon is a 9-sided polygon.
- _____ 4. A pentagon has 5 angles.
- _____ 5. A circle is a polygon.

B. Encircle the letter of the correct answer

1. A polygon with all sides and angles congruent is called:
A) Irregular polygon
B) Similar polygon
C) Congruent polygon
D) Regular polygon
2. Which of the following statements about similar polygons is true?
A) They have the same exact size.
B) Their corresponding angles have different measures.
C) Their corresponding sides are not proportional.
D) They have the same shape but different sizes.
3. How are corresponding angles and sides of similar polygons related?
A) Corresponding angles have the same measure, and their corresponding sides are proportional.
B) Corresponding angles have different measures, and their corresponding sides are not proportional.
C) Corresponding angles and sides have different measures.
D) Corresponding angles and sides have the same measure.
4. A polygon with exactly the same shape and size as another polygon is called:
A) Irregular polygon
B) Similar polygon
C) Congruent polygon
D) Regular polygon
5. Which of the following statements about polygons is true?
A) Polygons have curved sides.
B) The number of angles in a polygon is determined by the number of sides.
C) Regular polygons have sides and angles that are not congruent.
D) Similar polygons have exactly the same size.