

Properties of Polygons Review

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Classifying Two-Dimensional Figures

Name: _____

Date: _____

Answer the following questions based on what you learned about polygons.

1. What is a polygon?

- A. A shape with curved sides
- B. A closed shape with straight sides
- C. A shape with no sides

2. What is the difference between a regular polygon and an irregular polygon?

3. A triangle has ____ sides.

4. A square is considered a regular polygon.

- True False

5. How many sides does a pentagon have?

- A. Five
- B. Six
- C. Four

6. Why is precise measurement important when classifying polygons?

7. Regular polygons have equal ____ and ____.

8. All polygons have curved sides.

- True False

9. What shape has four sides of equal length and four right angles?

- A. Rectangle
- B. Square
- C. Trapezoid

10. According to Proverbs 14:15, what does a prudent man do?

Answer Key

1. A closed shape with straight sides 2. A regular polygon has equal sides and angles, while an irregular polygon does not. 3. three 4. True 5. Five 6. Precise measurement helps us accurately determine the number of sides and angles, which is crucial for classification. 7. sides, angles 8. False 9. Square 10. A prudent man gives thought to his steps, which means he carefully considers his actions.