

Student Name: \_\_\_\_\_ Score: \_\_\_\_\_

## Triangle Trivia

1. What is the sum of the angles of a triangle?

Answer: \_\_\_\_\_

2. Which triangle shows the Pythagorean Theorem?

Answer: \_\_\_\_\_

3. What do you call a triangle with different sides?

Answer: \_\_\_\_\_

4. Which triangle has only two congruent angles?

Answer: \_\_\_\_\_

5. What do you call two triangles with proportional sides?

Answer: \_\_\_\_\_

6. In which triangle are all three sides and all three angles congruent?

Answer: \_\_\_\_\_

7. Is it possible to draw a triangle with two obtuse angles?

Answer: \_\_\_\_\_

8. Is it possible to draw a triangle with an obtuse angle?

Answer: \_\_\_\_\_

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Answers:

1. What is the sum of the angles of a triangle?

Answer:  $180^{\circ}$

2. Which triangle shows the Pythagorean Theorem?

Answer: Right angled triangle

3. What do you call a triangle with different sides?

Answer: Scalene triangle

4. Which triangle has only two congruent angles?

Answer: Isosceles triangle

5. What do you call two triangles with proportional sides?

Answer: Similar triangles

6. In which triangle are all three sides and all three angles congruent?

Answer: Equilateral triangle

7. Is it possible to draw a triangle with two obtuse angles?

Answer: No

8. Is it possible to draw a triangle with an obtuse angle?

Answer: Yes