



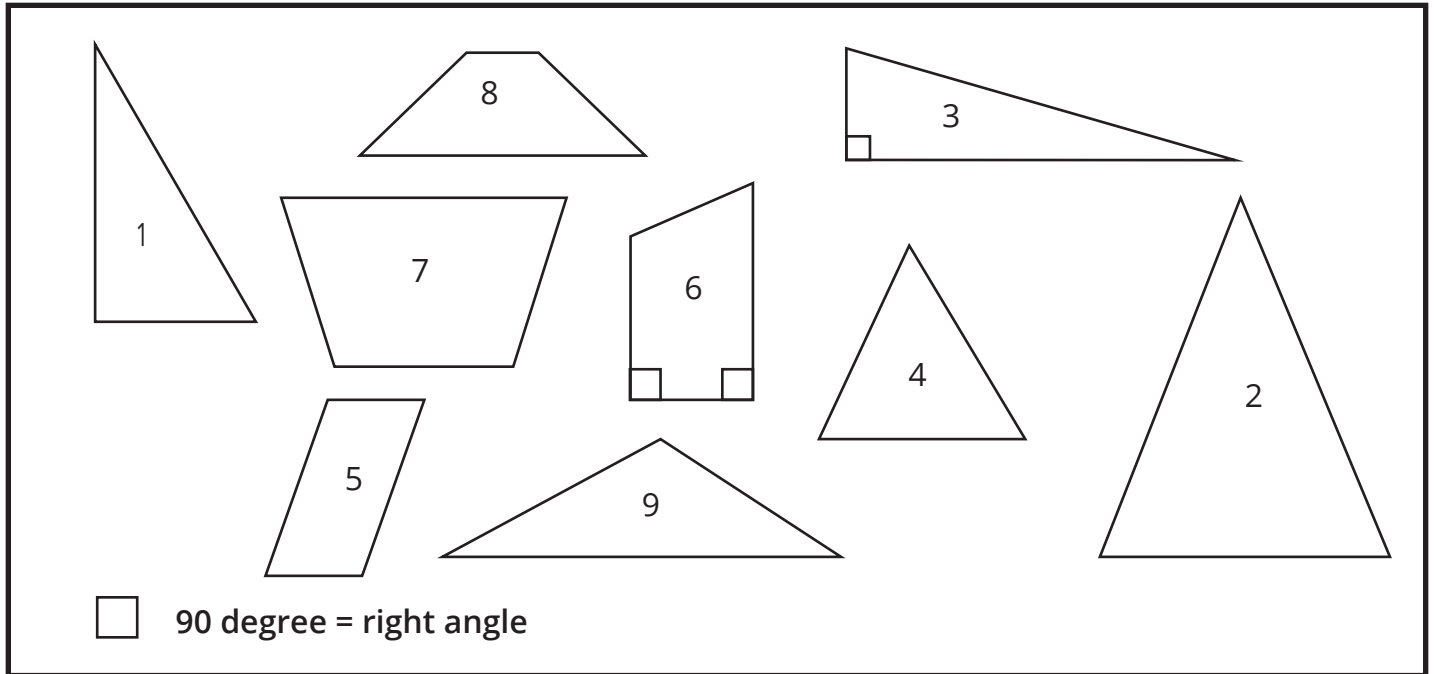
# Sorting Triangles

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Vocabulary Terms:

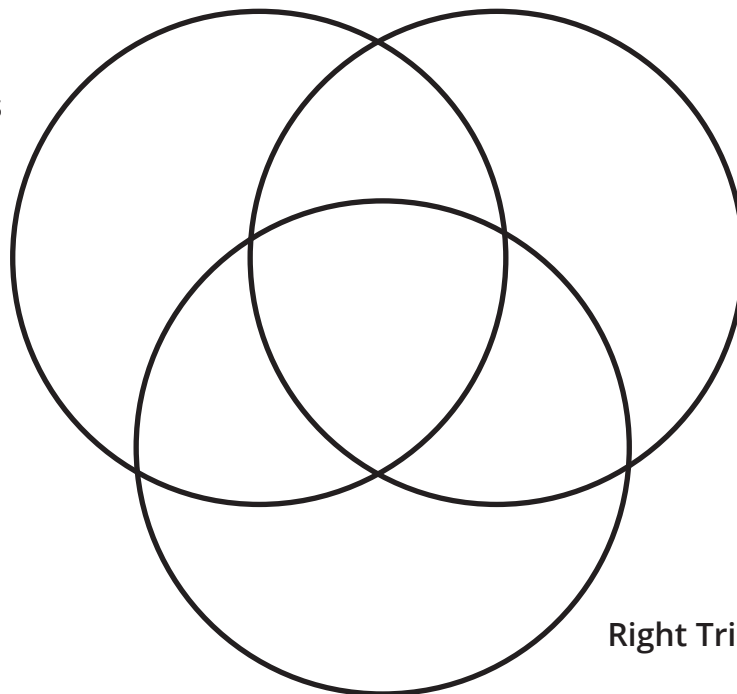
- **Acute Triangle** - An acute triangle has three sides and three acute angles ( $< 90$  degrees).
- **Right Triangle** - A right triangle has three sides and one right angle ( $= 90$  degrees).
- **Obtuse Triangle** - An obtuse triangle has three sides and one obtuse angle ( $> 90$  degrees).



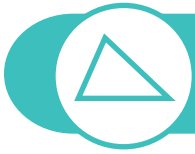
**Directions:** Categorize all triangles above that apply by listing its number in the proper area of the Venn diagram below.

Acute Triangles

Obtuse Triangles



Right Triangles



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**Thinking Deeper:**

a) How does measurement apply or NOT apply when classifying triangles?

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b) Some shapes in the selection box don't qualify for the diagram above; explain why.

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