## Lesson 2: Ways to Look at Triangles

* Let’s sort and analyze triangles.

### Warm-up: Number Talk: Sums and Products

Find the value of each expression mentally.

* $12+12+75$
* $12\frac{1}{2}+12\frac{1}{2}+75$
* $\left(2×12\frac{1}{2}\right)+\left(4×12\frac{1}{2}\right)$
* $7×12\frac{1}{2}$

### 2.1: Triangle Hunt

1. From the set of triangle cards, find all the triangles that have each attribute. Record their letter names here.
* 
1. Choose one sentence to complete based on your work.
	1. I noticed that some triangles . . .
	2. I noticed that all triangles . . .
	3. I noticed that no triangles . . .

### 2.2: The Right Kind of Triangle

1. Identify all shapes that are right triangles. For each right triangle, mark the right angle with a small square.
* 
1. Explain why the other shapes are not right triangles.



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