

Grade 5 Unit 7

Lesson 8

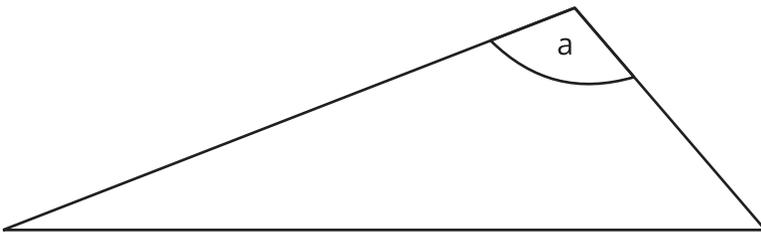
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Unit 7 Lesson 8: Sort Triangles

WU Estimation Exploration: Angle Measure (Warm up)

Student Task Statement

What is the measure of the angle?



Record an estimate that is:

too low	about right	too high

1 The Right Fit

Student Task Statement

1. Find a triangle card that fits in each space on the grid.
2. If you don't think it is possible to find a triangle that fits certain criteria, explain why not.

	all three side lengths are different	exactly two of the side lengths are the same	all three side lengths are the same
has a 90 degree angle			
has an angle that is greater than 90 degrees			

	all three side lengths are different	exactly two of the side lengths are the same	all three side lengths are the same
all three angles are less than 90 degrees			

Explanations:

2 All, Some, None

Student Task Statement

- Sort the triangle cards from the previous activity in a way that makes sense to you. Describe how you sorted the cards.
- Now sort out the triangles with a 90 degree angle. For these triangles, write statements about each category.
 - All of the triangles with a 90 degree angle...
 - Some of the triangles with a 90 degree angle...
 - None of the triangles with a 90 degree angle...