

Triangle Sum

Draw 3 triangles and see how many degrees it all adds up

Materials needed

- A piece of paper
- Protractor
- Pencil
- Ruler

What are my steps?

Step 1

Draw any 3 triangles with different dimensions on a piece of paper.

Step 2

Label each angle measure in the triangle.

Step 3

Measure the three angles of each triangle as accurately as possible with your protractor

Step 4

Complete the table with data from the step 3.

	Angle a	Angle b	Angle c	Sum of all angles = a+b+c
Triangle 1				
Triangle 2				
Triangle 3				

Step 5

Draw a conclusion based on the data collected

Step 6

Fill in the missing angle measurement for the triangles.

	Angle a	Angle b	Angle c
Triangle 1	60 degree		45 degree
Triangle 2		36 degree	84 degree
Triangle 2	39 degree	57 degree	

As result of the lab and activity, students should be able to recognize the sum of triangle is **180 degree**.

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