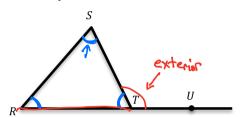
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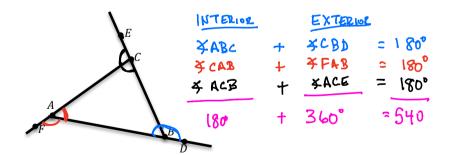
LEARNING OBJECTIVE: We will use the angle sum theorem to find missing interior and exterior angles of triangles. (G8M2L10)

CONCEPT DEVELOPMENT:

<u>The exterior angle of a triangle:</u> This is formed when one of the sides of a triangle is extended. The interior angles of a triangle are inside and the **exterior angles are outside along the extended side.**

Examples:



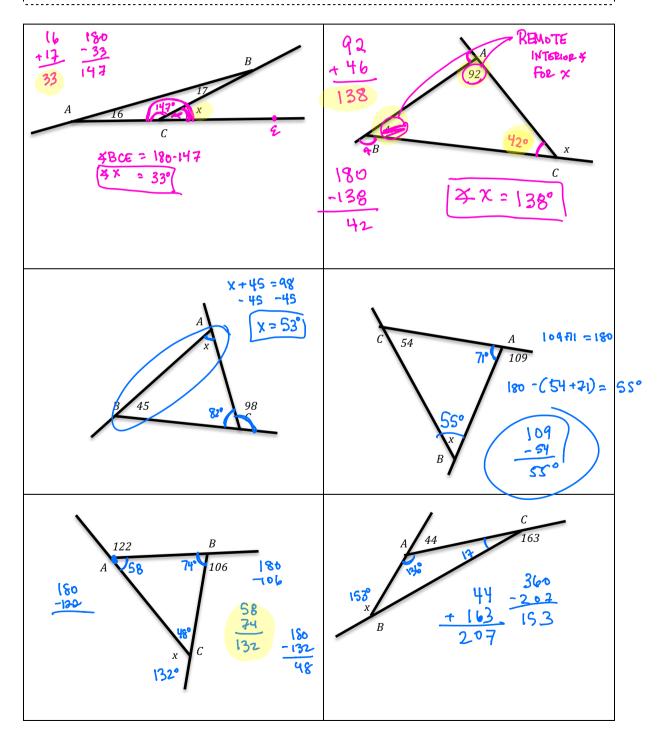


Date:

GUIDED PRACTICE:

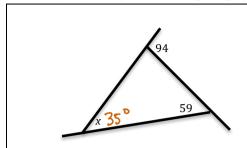
Steps for Finding Missing Angle Measures

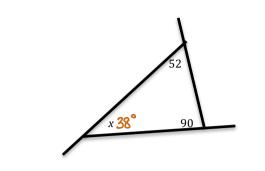
- 1. Find the available measures of the angles of your triangle.
- 2. Use the facts we have learned about triangles (especially that all triangles are 180° or that straight angles are 180°) to help solve for your unknown angle measure.

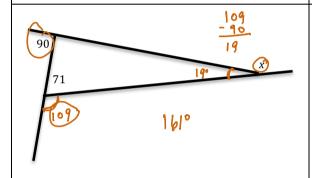


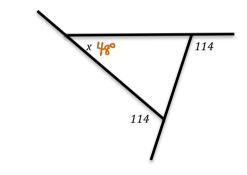
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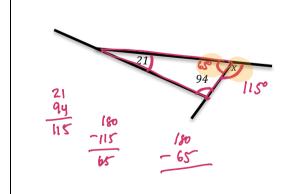
INDEPENDENT PRACTICE:

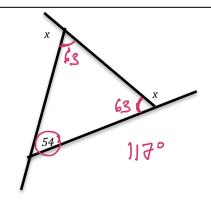




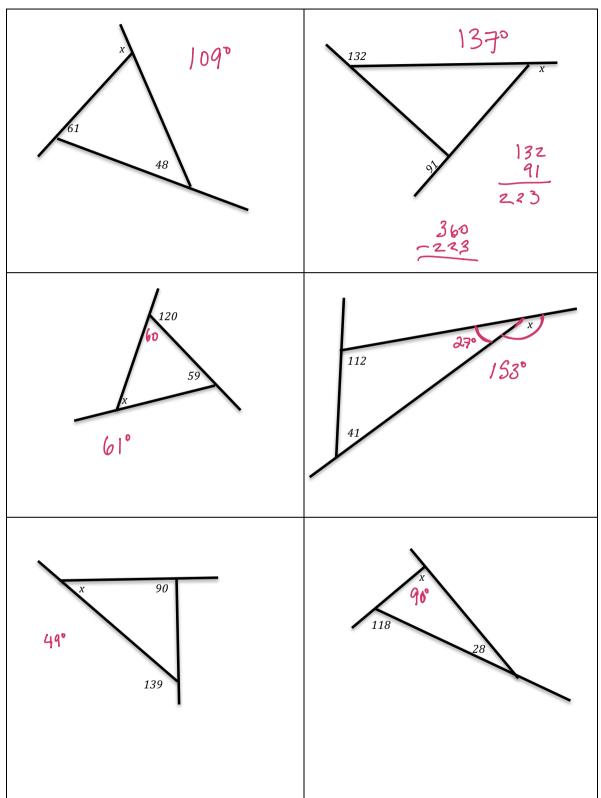








Date:_____



NAME:	Math 7.1 Period
Mr. Rogove	Date:

ACTIVATING PRIOR KNOWLEDGE:

Review triangle sum theorem.

CLOSURE:

