

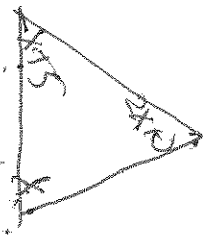
Name: _____

Date: _____

Period: 27

Warm Up: Geometric Applications

The measures of the angles of a triangle are x° , $(x + 5)^\circ$, and $(2x + 3)^\circ$. What are the measures each angle?



$$S = 180^\circ$$

$$180 = x + (x+5) + (2x+3) \quad CG$$

$$180 = 4x + 8$$

$$172 = 4x$$

$$43 = x$$

1. 43°

2. $4(43) = 172^\circ$

3. $2(43) + 3 = 89^\circ$