

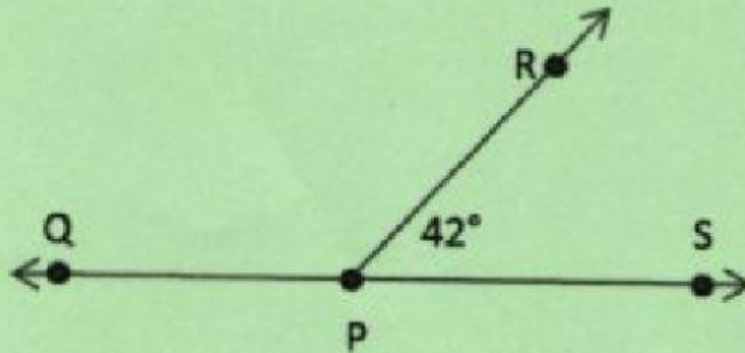
Triangle Properties Comprehension Check

Short Answer

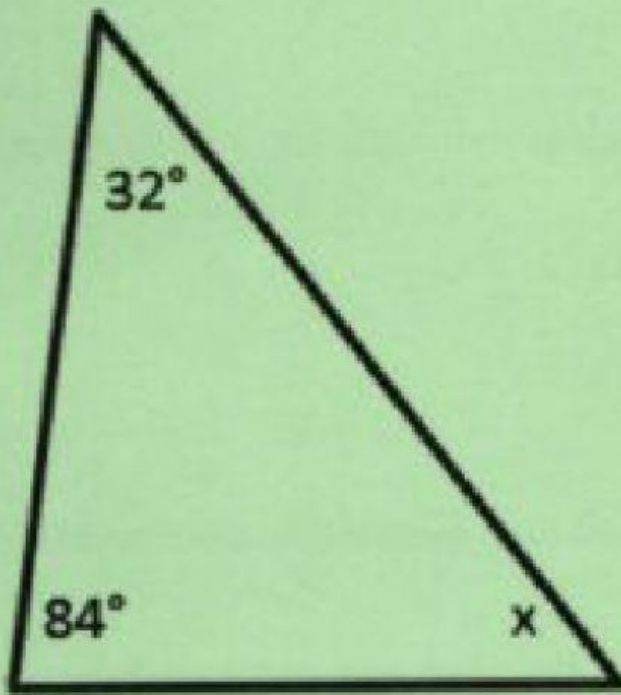
1. Angle $\angle ABC$ has a measure of 102° . What would be the measure of an angle that is supplementary to $\angle ABC$?

2. Angle $\angle XYZ$ has a measure of 57° . What would be the measure of an angle that is complementary to $\angle XYZ$?

3. solve for the measure of $\angle QPR$

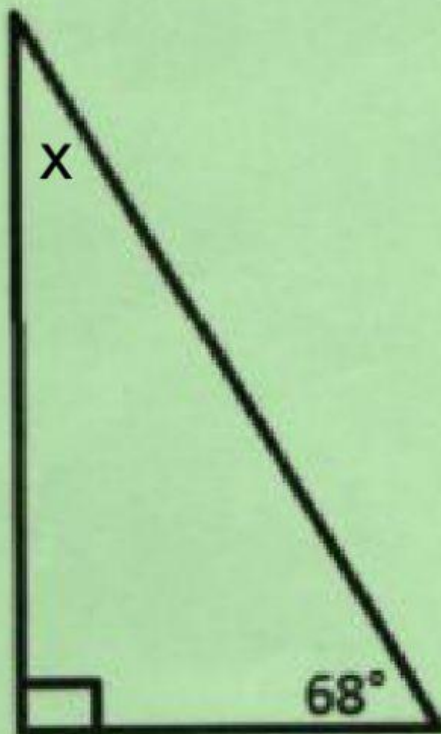


4. Use your knowledge of interior angle sums to solve for the missing angle measure.



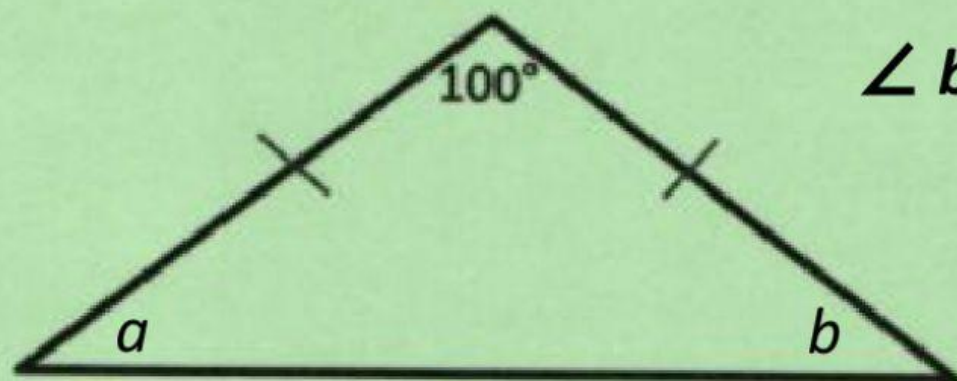
$\angle x =$

5. Use your knowledge of interior angle sums to solve for the missing angle measure.



$\angle x =$

6. Use your knowledge of interior angle sums to solve for each of the missing angle measures.



$$\angle a = \quad \bigcirc$$

$$\angle b = \quad \bigcirc$$

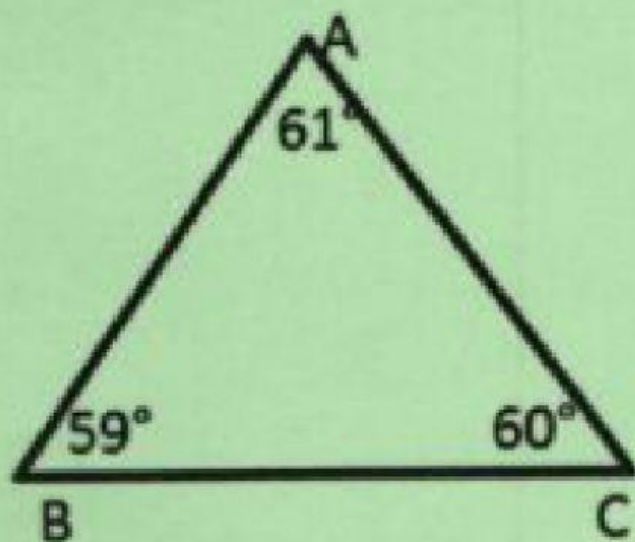
7. Would the following side lengths form a triangle? [REDACTED]

3 ft, 9 ft, and 5 ft

8. Would the following side lengths form a triangle? [REDACTED]

8 in., 9 in., and 15 in.

9. Identify the longest side of $\triangle ABC$. XXXXXXXXXX



10. Identify the shortest side in $\triangle XYZ$. XXXXXXXXXX

