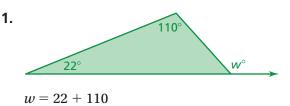
REVIEW: Angles of Triangles

Key Concept and Vocabulary

- The sum of the interior angle measures of a triangle is 180°.
- The measures of an exterior angle of a triangle is equal to the sum of the measures of the two nonadjacent interior angles.

Skill Example



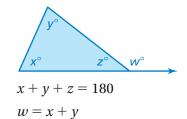
w = 132

Name _____

Angles

์ซ

Visual Model



Application Example

- **2.** Find the value of *x*.
 - x + x + 76 = 180
 - 2x + 76 = 180
 - 2x = 104



• The value of x is 52.

x = 52

PRACTICE MAKES PURR-FECT®

4.

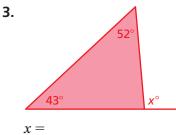
7.

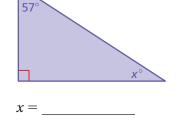
x =

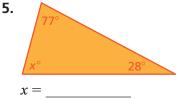
Find the value of *x*.

6.

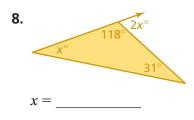
x =







Check your answers at BigIdeasMath.com. –



9. PARK A car travels around the park shown at the right. Find the value of *x*.

34°



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