## **SKILLS REVIEW HANDBOOK**

## Triangle Relationships JEKS 8.9.A, G.5.D, G.8.C

The sum of the angle measures of any triangle is 180°.



In a right triangle, the **hypotenuse** is the side opposite the right angle. The **legs** are the sides that form the right angle. The **Pythagorean theorem** states that the sum of the squares of the lengths of the legs equals the square of the length of the hypotenuse.





**9.** A triangle with angles that measure  $x^\circ$ ,  $x^\circ$ , and  $70^\circ$