1. The sum of two complementary angles is always \_\_\_\_\_\_\_\_\_\_\_\_\_. The value of x in the figure below is \_\_\_\_\_.

2x

x-45°

1. The sum of two supplementary angles is always \_\_\_\_\_\_\_\_\_\_\_\_\_. The value of y in the figure below is \_\_\_\_\_\_\_.

**2y**

**2y+20°**

1. The angles formed when two lines intersect each other are called \_\_\_\_\_\_\_\_\_\_.

**B**

**A**

1. The vertical angles are always \_\_\_\_\_\_\_\_\_\_\_\_\_. The value of z in the figure below is \_\_\_\_\_\_.

**z+75°**

**2z-20°**

1. If a transversal intersects two parallel lines, then the alternate angles formed are   
     
   \_\_\_\_\_\_\_\_\_\_\_\_.

**D**

**B**

**C**

**A**

1. The corresponding angles are congruent if the transversal intersects two \_\_\_\_\_\_\_\_\_\_\_\_\_ lines.

**A**

**B**

**D**

**C**