1. The sum of two complementary angles is always \_\_90°\_\_\_. The value of x in the figure below is \_\_45°\_\_\_.

2x

x-45°

1. The sum of two supplementary angles is always \_\_\_180°\_\_\_\_\_. The value of y in the figure below is \_\_\_40°\_\_\_\_.

**2y**

**2y+20°**

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

**B**

**A**

1. The vertical angles are always \_\_\_\_ congruent \_\_\_\_\_. The value of z in the figure below is \_\_\_95°\_\_\_.

**z+75°**

**2z-20°**

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

\_\_ congruent\_\_\_.

**D**

**B**

**C**

**A**

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

**A**

**B**

**D**

**C**