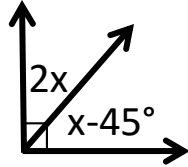
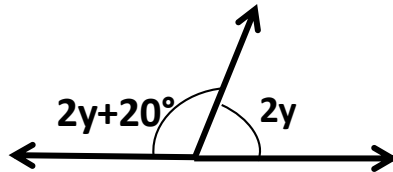


Exploring Angle Pairs Guided Notes

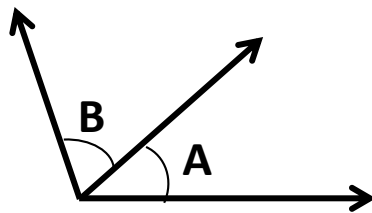
1. The sum of two complementary angles is always 90° . The value of x in the figure below is 45° .



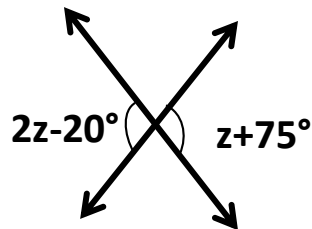
2. The sum of two supplementary angles is always 180° . The value of y in the figure below is 40° .



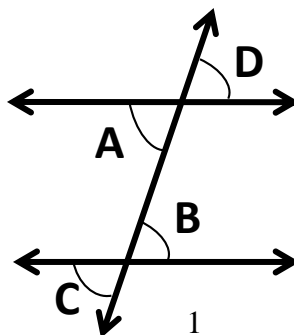
3. The angles formed when two lines intersect each other are called **adjacent angles**.



4. The vertical angles are always **congruent**. The value of z in the figure below is 95° .



5. If a transversal intersects two parallel lines, then the alternate angles formed are **congruent**.



Exploring Angle Pairs Guided Notes

6. The corresponding angles are congruent if the transversal intersects two **parallel** lines.

