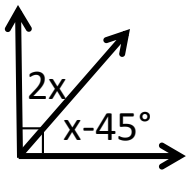
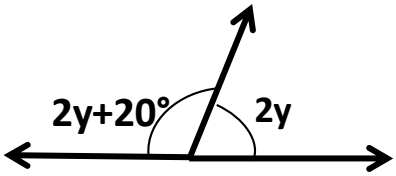
Name: _____ Period: _____ Date: _____

Exploring Angle Pairs Guided Notes

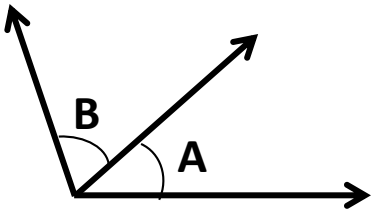
1. The sum of two complementary angles is always _____. The value of x in the figure below is _____.



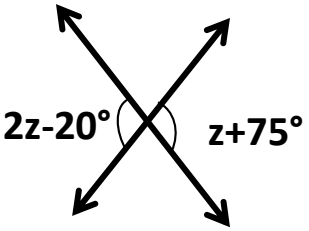
2. The sum of two supplementary angles is always _____. The value of y in the figure below is _____.



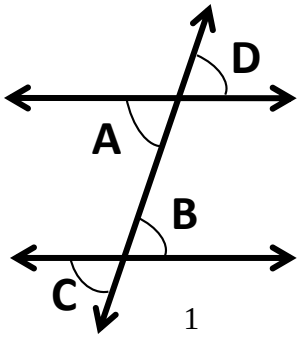
3. The angles formed when two lines intersect each other are called _____.



4. The vertical angles are always _____. The value of z in the figure below is _____.



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



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Exploring Angle Pairs Guided Notes

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