

All About Angles

Complete each definition or theorem.

- 1 If two angles have angle measures that sum to 90° , the angles are Complementary
- 2 If two angles have angle measures that sum to 180° , the angles are Supplementary
- 3 Adjacent angles share a common vertex and a common side.
- 4 Vertical angles are two non-adjacent angles formed by intersecting lines.
- 5 perpendicular lines intersect at a right angle.
- 6 parallel lines never intersect.
- 7 If two angles form a linear pair, then the angles are supplementary.
- 8 If two angles have the same measure, then the angles are Congruent (equal)
- 9 If two angles are congruent and supplementary, then those angles are right angles.

Answer with always, sometimes, or never.

- 10 An obtuse angle is complementary to another angle. never
- 11 Right angles are congruent to each other. always
- 12 Complementary angles are adjacent angles. sometimes

Answer Box

A right	B Perpendicular	C Vertical	D never	E supple- mentary	F sometimes
G always	H Adjacent	I linear pair	J comple- mentary	K congruent	L Parallel