



Complementary & Supplementary Angles

Name _____

Score _____

CS:26

- 1) One angle is 35° more than four times the other angle. If the angles are supplementary, find the measure of the other angle.

- 2) The angles are complementary and one angle is 2° less than the other. Find the measure of both the angles.

- 3) The measure of an angle is 15° greater than twice of the other angle. If the angles are supplementary, find the value of the larger angle.

- 4) In a linear pair of angles, one angle is 90° less than the other. Find the measure of both the angles.

- 5) The measure of a pair of complementary angles are in the ratio 4 : 5. Find the angles.



Complementary & Supplementary Angles

Name _____

Score _____

Answer key

CS:26

- 1) One angle is 35° more than four times the other angle. If the angles are supplementary, find the measure of the other angle.

The other angle measures is 29°

- 2) The angles are complementary and one angle is 2° less than the other. Find the measure of both the angles.

The two angles are 44° , 46°

- 3) The measure of an angle is 15° greater than twice of the other angle. If the angles are supplementary, find the value of the larger angle.

The larger angle is 125°

- 4) In a linear pair of angles, one angle is 90° less than the other. Find the measure of both the angles.

The two angles are 45° , 135°

- 5) The measure of a pair of complementary angles are in the ratio 4 : 5. Find the angles.

The two angles are 40° , 50°