Complementary & Supplementary Angles

1) One angle is 24^0 less than the other. If the angles are complementary, find the measure of the angles?

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2) The measure of one angle in a pair of supplementary angles is 60^0 more than thrice of the measure of the other angle. Find the measure of the larger angle.

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3) The measure of a pair of angles are supplementary and are in the ratio 1 : 4. Find the angles.

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4) The angles are complementary. One angle is 9^0 greater than twice of the other angle. Find the measure of the smaller angle.

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5) In a pair of supplementary angles, one angle is 48^0 less than the other. Find the measures of the angles.

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1) One angle is 24^0 less than the other. If the angles are complementary, find the measure of the angles?

The two angles are 33^0, 57^0

2) The measure of one angle in a pair of supplementary angles is 60^0 more than thrice of the measure of the other angle. Find the measure of the larger angle.

The larger angle is 150^0

3) The measure of a pair of angles are supplementary and are in the ratio 1 : 4. Find the angles.

The two angles are 36^0 , 144^0

4) The angles are complementary. One angle is 9^0 greater than twice of the other angle. Find the measure of the smaller angle.

The smaller angle is 27^0

5) In a pair of supplementary angles, one angle is 48^0 less than the other. Find the measures of the angles.

The two angles are 66^0 , 114^0