Name:

Date:

Angles word problems

Solve.

1) Two angles are complementary and the measure of one angle is 32 less than the other. What is the measure of the smaller angle?

2) Two angles are complementary and the measure of one angle is 64 more than the other. What is the measure of the bigger angle?

3) Three complementary angles have equal measures. What is the measure of each angle?

4) The measure of an angle is two third the measure of its complement. What is the measure of the angle?

5) Two angles are supplementary. The measure of one angle is the half the measure of the other. What is the measure of the smaller angle?

6) Two angles are supplementary. The measure of one angle is 76 less than the other. What is the measure of the smaller angle?

7) Two angles are supplementary. The measure of one angle is 58 more than the other. What is the measure of the smaller angle?

8) Two angles are supplementary. The measure of one angle is 12 less than the other. What is the measure of the bigger angle?

9) The measure of an angle is half the measure of its complement. What is the measure of the angle?

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QUIZ ?

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Name:

Date:

Angles word problems

Answers

Solve.

1) Two angles are complementary and the measure of one angle is 32 less than the other. What is the measure of the smaller angle?

$x = 29$

2) Two angles are complementary and the measure of one angle is 64 more than the other. What is the measure of the bigger angle?

$x = 77$

3) Three complementary angles have equal measures. What is the measure of each angle?

$x = 30$

4) The measure of an angle is two third the measure of its complement. What is the measure of the angle?

$x = 36$

5) Two angles are supplementary. The measure of one angle is the half the measure of the other. What is the measure of the smaller angle?

$x = 60$

6) Two angles are supplementary. The measure of one angle is 76 less than the other. What is the measure of the smaller angle?

$x = 52$

7) Two angles are supplementary. The measure of one angle is 58 more than the other. What is the measure of the smaller angle?

$x = 61$

8) Two angles are supplementary. The measure of one angle is 12 less than the other. What is the measure of the bigger angle?

$x = 96$

9) The measure of an angle is half the measure of its complement. What is the measure of the angle?

$x = 40$

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