

Complementary Angles

Answer Key

A) State whether the given pairs of angles are complementary or not.

1) 67° , 23°

complementary

2) 50° , 49°

not complementary

3) 43° , 38°

not complementary

4) 14° , 76°

complementary

B) Write the complement of each angle.

1) 36°

The complement of 36° is 54° .

2) 11°

The complement of 11° is 79° .

3) 68°

The complement of 68° is 22° .

4) 47°

The complement of 47° is 43° .

C) 1) $\angle 1$ and $\angle 2$ are a pair of complementary angles. If $m\angle 2 = 74^\circ$, what is $m\angle 1$?

16°

2) $\angle 3$ and $\angle 4$ are a pair of complementary angles. What is the measure of $\angle 4$ if $m\angle 3 = 28^\circ$?

62°