

Complementary Angles

Answer Key

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

1) 25° , 65°

2) 80° , 12°

complementarynot complementary

3) 57° , 32°

4) 19° , 71°

not complementarycomplementary

B) Write the complement of each angle.

1) 63°

2) 20°

The complement of 63° is 27° .The complement of 20° is 70° .

3) 51°

4) 72°

The complement of 51° is 39° .The complement of 72° is 18° .

C) 1) $\angle 1$ and $\angle 2$ are a pair of complementary angles. If $m\angle 1 = 46^\circ$, what is $m\angle 2$?

 44°

2) $\angle 3$ and $\angle 4$ are a pair of complementary angles. What is the measure of $\angle 3$ if $m\angle 4 = 60^\circ$?

 30°