

Name : _____

Score : _____

Pair of Angles

Find the complement of each angle.

1) 23°

Complement of $23^\circ =$ _____

2) 61°

Complement of $61^\circ =$ _____

3) 54°

Complement of $54^\circ =$ _____

4) 47°

Complement of $47^\circ =$ _____

5) 30°

Complement of $30^\circ =$ _____

6) 28°

Complement of $28^\circ =$ _____

7) 75°

Complement of $75^\circ =$ _____

8) 82°

Complement of $82^\circ =$ _____

9) If $m\angle 1 = 45^\circ$ and $\angle 1$ and $\angle 2$ are complementary angles. Find $m\angle 2$.

10) If $m\angle 2 = 63^\circ$ and $\angle 1$ and $\angle 2$ form a right angle. Find $m\angle 1$.

11) If $\angle 1$ and $\angle 2$ are complementary angles and $m\angle 2 = 32^\circ$. Find $m\angle 1$.

12) If $\angle 1$ and $\angle 2$ form a right angle and $m\angle 1 = 15^\circ$. Find $m\angle 2$.

Answer Key

Find the complement of each angle.

1) 23°

Complement of $23^\circ = \underline{67^\circ}$

2) 61°

Complement of $61^\circ = \underline{29^\circ}$

3) 54°

Complement of $54^\circ = \underline{36^\circ}$

4) 47°

Complement of $47^\circ = \underline{43^\circ}$

5) 30°

Complement of $30^\circ = \underline{60^\circ}$

6) 28°

Complement of $28^\circ = \underline{62^\circ}$

7) 75°

Complement of $75^\circ = \underline{15^\circ}$

8) 82°

Complement of $82^\circ = \underline{8^\circ}$

9) If $m\angle 1 = 45^\circ$ and $\angle 1$ and $\angle 2$ are complementary angles. Find $m\angle 2$.

$\underline{45^\circ}$

10) If $m\angle 2 = 63^\circ$ and $\angle 1$ and $\angle 2$ form a right angle. Find $m\angle 1$.

$\underline{27^\circ}$

11) If $\angle 1$ and $\angle 2$ are complementary angles and $m\angle 2 = 32^\circ$. Find $m\angle 1$.

$\underline{58^\circ}$

12) If $\angle 1$ and $\angle 2$ form a right angle and $m\angle 1 = 15^\circ$. Find $m\angle 2$.

$\underline{75^\circ}$