

Name : _____

Score : _____

Pair of Angles

Find the supplement of each angle.

1) 164°

Supplement of $164^\circ =$ _____

2) 75°

Supplement of $75^\circ =$ _____

3) 39°

Supplement of $39^\circ =$ _____

4) 113°

Supplement of $113^\circ =$ _____

5) 52°

Supplement of $52^\circ =$ _____

6) 121°

Supplement of $121^\circ =$ _____

7) 96°

Supplement of $96^\circ =$ _____

8) 104°

Supplement of $104^\circ =$ _____

9) If $m\angle 2 = 53^\circ$ and $\angle 1$ and $\angle 2$ form a linear pair. Find $m\angle 1$.

10) If $m\angle 1 = 170^\circ$ and $\angle 1$ and $\angle 2$ are supplementary angles. Find $m\angle 2$.

11) If $\angle 1$ and $\angle 2$ are supplementary angles and $m\angle 2 = 7^\circ$. Find $m\angle 1$.

12) If $\angle 1$ and $\angle 2$ form a linear pair and $m\angle 1 = 13^\circ$. Find $m\angle 2$.

Name : _____

Score : _____

Answer Key

Find the supplement of each angle.

1) 164°

Supplement of $164^\circ = \underline{16^\circ}$

2) 75°

Supplement of $75^\circ = \underline{105^\circ}$

3) 39°

Supplement of $39^\circ = \underline{141^\circ}$

4) 113°

Supplement of $113^\circ = \underline{67^\circ}$

5) 52°

Supplement of $52^\circ = \underline{128^\circ}$

6) 121°

Supplement of $121^\circ = \underline{59^\circ}$

7) 96°

Supplement of $96^\circ = \underline{84^\circ}$

8) 104°

Supplement of $104^\circ = \underline{76^\circ}$

9) If $m\angle 2 = 53^\circ$ and $\angle 1$ and $\angle 2$ form a linear pair. Find $m\angle 1$.

127°

10) If $m\angle 1 = 170^\circ$ and $\angle 1$ and $\angle 2$ are supplementary angles. Find $m\angle 2$.

10°

11) If $\angle 1$ and $\angle 2$ are supplementary angles and $m\angle 2 = 7^\circ$. Find $m\angle 1$.

173°

12) If $\angle 1$ and $\angle 2$ form a linear pair and $m\angle 1 = 13^\circ$. Find $m\angle 2$.

167°