

LESSON 1.5 WORKSHEET**Problem 1 :**

Given that $\angle 1$ is a complement of $\angle 2$ and $m\angle 1 = 30^\circ$, find $m\angle 2$.

$$m\angle 2 = \boxed{}^\circ$$

Problem 2 :

Given that $\angle 1$ is a complement of $\angle 2$ and $m\angle 1 = 28^\circ$, find $m\angle 2$.

$$m\angle 2 = \boxed{}^\circ$$

Problem 3 :

Given that $\angle 1$ is a complement of $\angle 2$ and $m\angle 1 = 61^\circ$, find $m\angle 2$.

$$m\angle 2 = \boxed{}^\circ$$

Problem 4 :

Given that $\angle 1$ is a supplement of $\angle 2$ and $m\angle 1 = 34^\circ$, find $m\angle 2$.

$$m\angle 2 \text{ is } \boxed{}^\circ$$

Problem 5 :

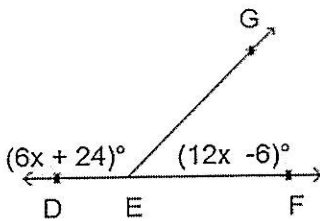
Given that $\angle 1$ is a supplement of $\angle 2$ and $m\angle 1 = 23^\circ$, find $m\angle 2$.

$$m\angle 2 \text{ is } \boxed{}^\circ$$

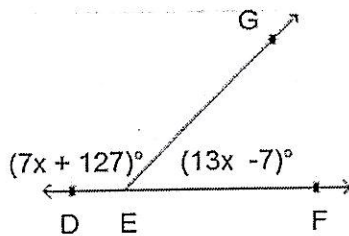
Problem 6 :

Given that $\angle 1$ is a supplement of $\angle 2$ and $m\angle 1 = 37^\circ$, find $m\angle 2$.

$$m\angle 2 \text{ is } \boxed{}^\circ$$

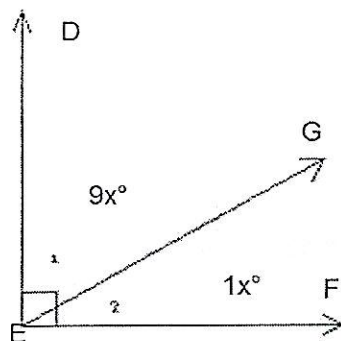
Problem 7 :Find $\angle mDEG$ and $\angle mGEF$.

$$\angle mDEG = \boxed{} \text{ and } \angle mGEF = \boxed{}$$

Edit**Problem 8 :**Find $m\angle DEG$ and $m\angle GEF$.

$$m\angle DEG = \boxed{} \text{ and } m\angle GEF = \boxed{}$$

Edit**Problem 9 :**Find $m\angle DEG$ and $m\angle GEF$.



$$m\angle DEG = \boxed{} \text{ and } m\angle GEF = \boxed{}$$

Problem 10 :

$\angle A$ and $\angle B$ are complementary. Find $m\angle A$ and $m\angle B$.

$$m\angle A = (3x + 74)^\circ$$

$$m\angle B = (x + 24)^\circ$$

$$m\angle A = \boxed{} \text{ and } m\angle B = \boxed{}$$

Problem 11 :

$\angle A$ and $\angle B$ are complementary. Find $m\angle A$ and $m\angle B$.

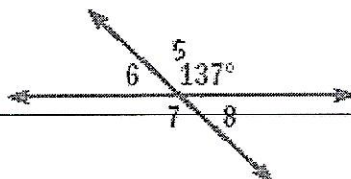
$$m\angle A = (3x + 62)^\circ$$

$$m\angle B = (x + 12)^\circ$$

$$m\angle A = \boxed{} \text{ and } m\angle B = \boxed{}$$

Problem 12 :

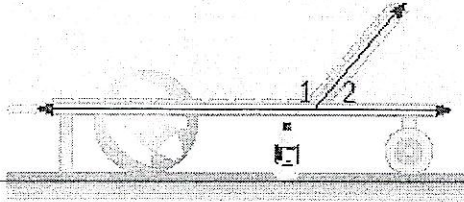
Find $m\angle 8$ in degrees.



Your Answer:

Problem 13 :

For the lounge chair in the figure, $\angle 1$ and $\angle 2$ are supplementary. If $m\angle 1 = 123^\circ$, find $m\angle 2$ in degrees.



Your Answer:

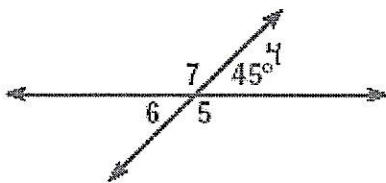
Problem 14 :

$\angle X$ and $\angle Y$ are complementary. If $m\angle X = 18^\circ$, what is $m\angle Y$ in degrees?

Your Answer:

Problem 15 :

Find $m\angle 5$ in degrees.



Your Answer: