

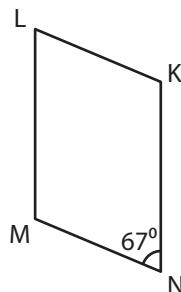
Name : _____

Parallelogram - Angles

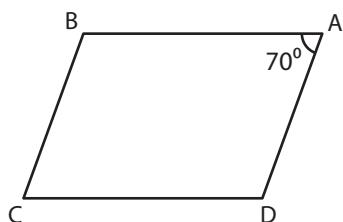
Sheet 1

- A) Find the measure of the indicated angle in each parallelogram.

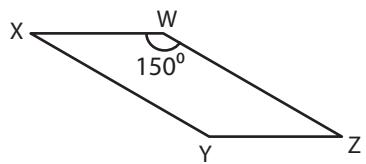
1)



2)



3)



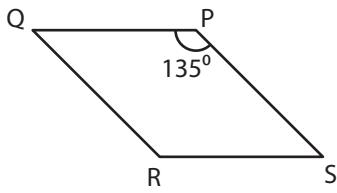
$$m\angle M = \underline{\hspace{2cm}}$$

$$m\angle C = \underline{\hspace{2cm}}$$

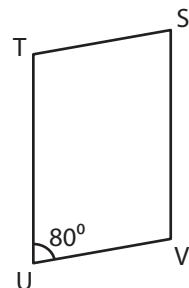
$$m\angle X = \underline{\hspace{2cm}}$$

- B) Find the measure of the indicated angles in each parallelogram.

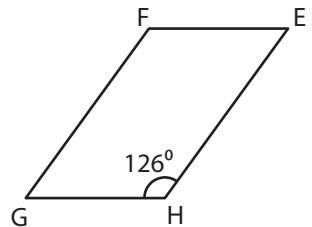
4)



5)



6)



$$m\angle Q = \underline{\hspace{2cm}}$$

$$m\angle S = \underline{\hspace{2cm}}$$

$$m\angle E = \underline{\hspace{2cm}}$$

$$m\angle R = \underline{\hspace{2cm}}$$

$$m\angle T = \underline{\hspace{2cm}}$$

$$m\angle F = \underline{\hspace{2cm}}$$

$$m\angle S = \underline{\hspace{2cm}}$$

$$m\angle V = \underline{\hspace{2cm}}$$

$$m\angle G = \underline{\hspace{2cm}}$$

- 7) In the parallelogram CDEF, $m\angle C$ is 10° . Determine $m\angle E$.

- 8) Find $m\angle U$ in the parallelogram RSTU, if $m\angle T$ is 144° .

Name : _____

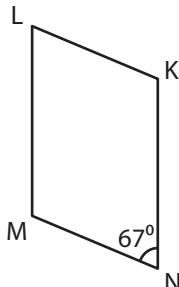
Answer key

Sheet 1

Parallelogram - Angles

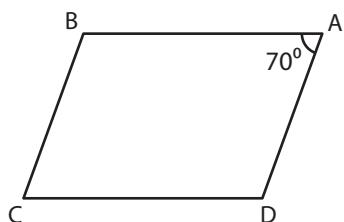
- A) Find the measure of the indicated angle in each parallelogram.

1)



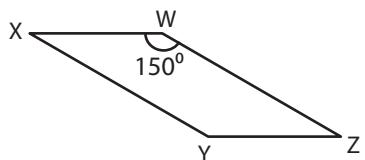
$m\angle M = \underline{\hspace{2cm}} \textcolor{red}{113^\circ}$

2)



$m\angle C = \underline{\hspace{2cm}} \textcolor{red}{70^\circ}$

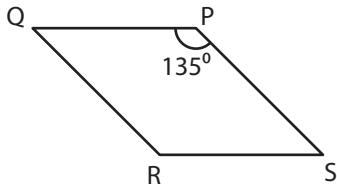
3)



$m\angle X = \underline{\hspace{2cm}} \textcolor{red}{30^\circ}$

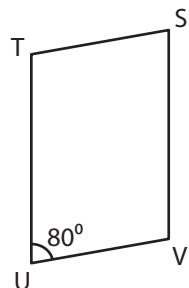
- B) Find the measure of the indicated angles in each parallelogram.

4)



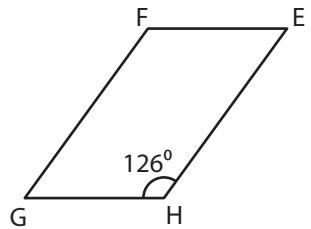
$m\angle Q = \underline{\hspace{2cm}} \textcolor{red}{45^\circ}$

5)



$m\angle S = \underline{\hspace{2cm}} \textcolor{red}{80^\circ}$

6)



$m\angle E = \underline{\hspace{2cm}} \textcolor{red}{54^\circ}$

$m\angle R = \underline{\hspace{2cm}} \textcolor{red}{135^\circ}$

$m\angle T = \underline{\hspace{2cm}} \textcolor{red}{100^\circ}$

$m\angle F = \underline{\hspace{2cm}} \textcolor{red}{126^\circ}$

$m\angle S = \underline{\hspace{2cm}} \textcolor{red}{45^\circ}$

$m\angle V = \underline{\hspace{2cm}} \textcolor{red}{100^\circ}$

$m\angle G = \underline{\hspace{2cm}} \textcolor{red}{54^\circ}$

- 7) In the parallelogram CDEF,
- $m\angle C$
- is
- 10°
- . Determine
- $m\angle E$
- .

$m\angle E = \underline{\hspace{2cm}} \textcolor{red}{10^\circ}$

- 8) Find
- $m\angle U$
- in the parallelogram RSTU, if
- $m\angle T$
- is
- 144°
- .

$m\angle U = \underline{\hspace{2cm}} \textcolor{red}{36^\circ}$