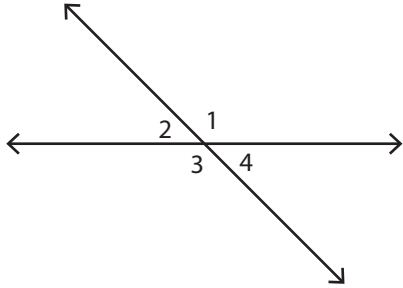


## Intersecting Lines

Find the unknown angles.

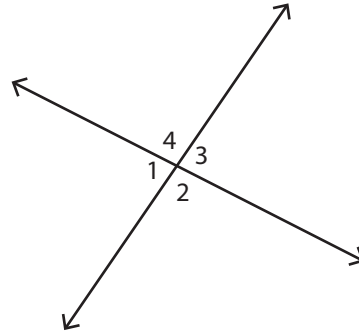
1)



$m\angle 1 = \underline{\hspace{2cm}} \quad m\angle 2 = \underline{45^\circ}$

$m\angle 3 = \underline{\hspace{2cm}} \quad m\angle 4 = \underline{\hspace{2cm}}$

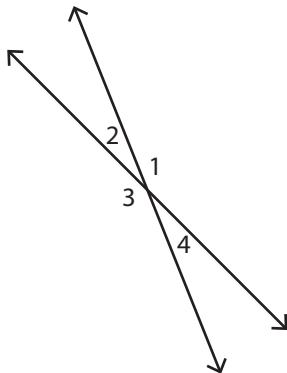
2)



$m\angle 1 = \underline{\hspace{2cm}} \quad m\angle 2 = \underline{\hspace{2cm}}$

$m\angle 3 = \underline{83^\circ} \quad m\angle 4 = \underline{\hspace{2cm}}$

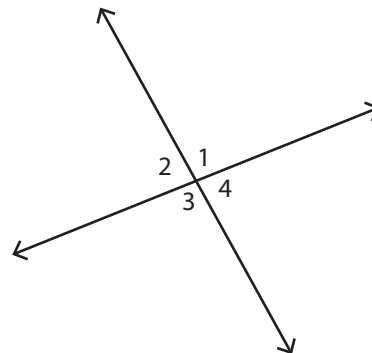
3)



$m\angle 1 = \underline{157^\circ} \quad m\angle 2 = \underline{\hspace{2cm}}$

$m\angle 3 = \underline{\hspace{2cm}} \quad m\angle 4 = \underline{\hspace{2cm}}$

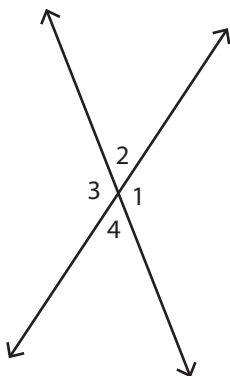
4)



$m\angle 1 = \underline{\hspace{2cm}} \quad m\angle 2 = \underline{\hspace{2cm}}$

$m\angle 3 = \underline{\hspace{2cm}} \quad m\angle 4 = \underline{82^\circ}$

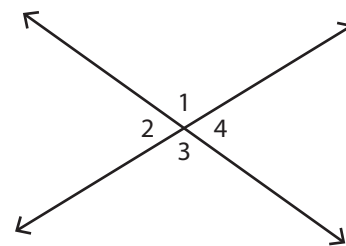
5)



$m\angle 1 = \underline{\hspace{2cm}} \quad m\angle 2 = \underline{55^\circ}$

$m\angle 3 = \underline{\hspace{2cm}} \quad m\angle 4 = \underline{\hspace{2cm}}$

6)



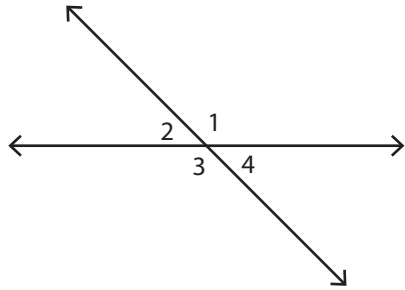
$m\angle 1 = \underline{\hspace{2cm}} \quad m\angle 2 = \underline{\hspace{2cm}}$

$m\angle 3 = \underline{113^\circ} \quad m\angle 4 = \underline{\hspace{2cm}}$

**Answer Key**

Find the unknown angles.

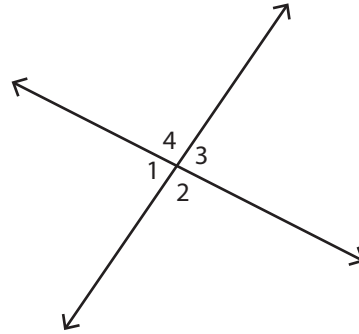
1)



$$m\angle 1 = \underline{135^\circ} \quad m\angle 2 = \underline{45^\circ}$$

$$m\angle 3 = \underline{135^\circ} \quad m\angle 4 = \underline{45^\circ}$$

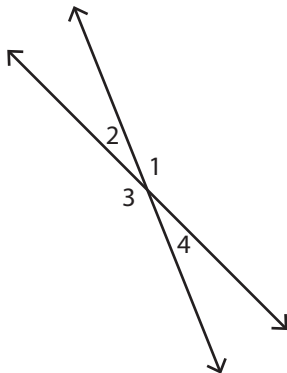
2)



$$m\angle 1 = \underline{83^\circ} \quad m\angle 2 = \underline{97^\circ}$$

$$m\angle 3 = \underline{83^\circ} \quad m\angle 4 = \underline{97^\circ}$$

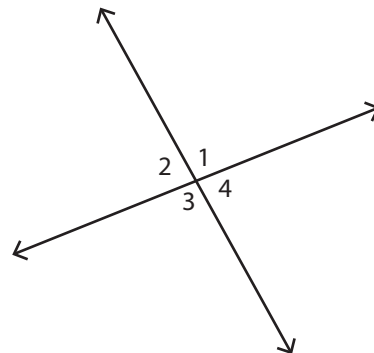
3)



$$m\angle 1 = \underline{157^\circ} \quad m\angle 2 = \underline{23^\circ}$$

$$m\angle 3 = \underline{157^\circ} \quad m\angle 4 = \underline{23^\circ}$$

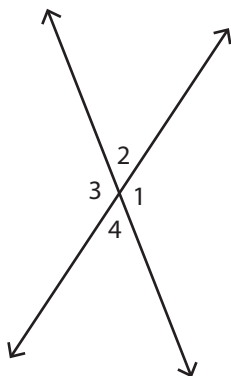
4)



$$m\angle 1 = \underline{98^\circ} \quad m\angle 2 = \underline{82^\circ}$$

$$m\angle 3 = \underline{98^\circ} \quad m\angle 4 = \underline{82^\circ}$$

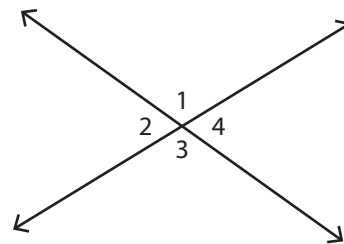
5)



$$m\angle 1 = \underline{125^\circ} \quad m\angle 2 = \underline{55^\circ}$$

$$m\angle 3 = \underline{125^\circ} \quad m\angle 4 = \underline{55^\circ}$$

6)



$$m\angle 1 = \underline{113^\circ} \quad m\angle 2 = \underline{67^\circ}$$

$$m\angle 3 = \underline{113^\circ} \quad m\angle 4 = \underline{67^\circ}$$