



Interior Angles

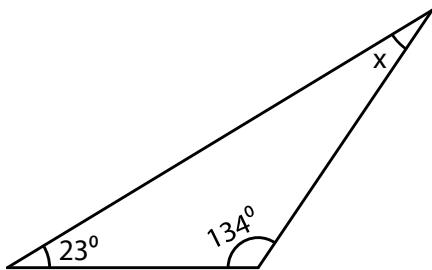
Name _____

Score _____

AT:04

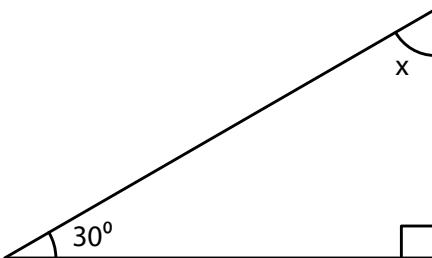
Find the value of x.

1)



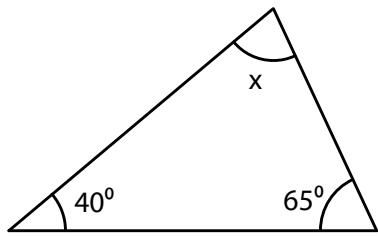
$$x = \underline{\hspace{2cm}}$$

2)



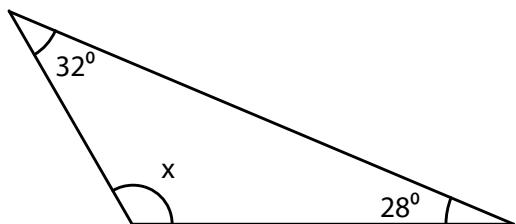
$$x = \underline{\hspace{2cm}}$$

3)



$$x = \underline{\hspace{2cm}}$$

4)



$$x = \underline{\hspace{2cm}}$$

Find the third angle of the triangle using the given two angles.

1) $12^\circ, 110^\circ$

$$\underline{\hspace{2cm}}$$

2) $54^\circ, 77^\circ$

$$\underline{\hspace{2cm}}$$

3) $20^\circ, 60^\circ$

$$\underline{\hspace{2cm}}$$

4) $9^\circ, 157^\circ$

$$\underline{\hspace{2cm}}$$

5) $85^\circ, 25^\circ$

$$\underline{\hspace{2cm}}$$

6) $5^\circ, 171^\circ$

$$\underline{\hspace{2cm}}$$



Interior Angles

Name _____

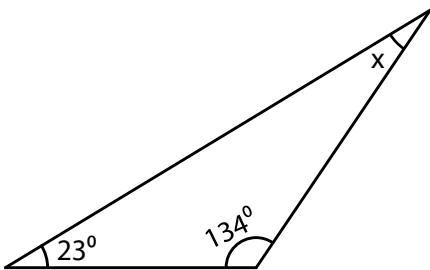
Score _____

Answer key

AT:04

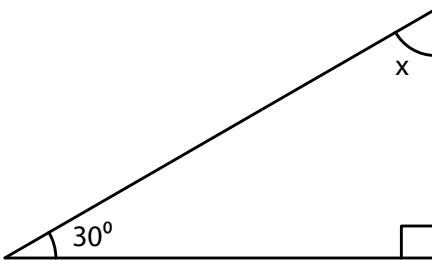
Find the value of x.

1)



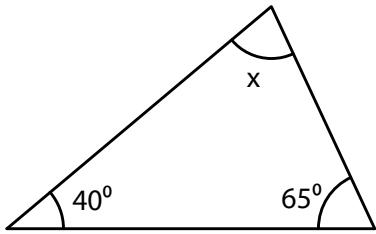
$$x = \underline{\hspace{2cm}} \textcolor{red}{23^\circ}$$

2)



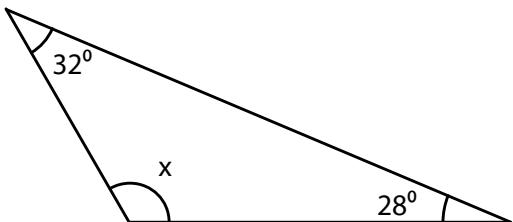
$$x = \underline{\hspace{2cm}} \textcolor{red}{60^\circ}$$

3)



$$x = \underline{\hspace{2cm}} \textcolor{red}{75^\circ}$$

4)



$$x = \underline{\hspace{2cm}} \textcolor{red}{120^\circ}$$

Find the third angle of the triangle using the given two angles.

1) $12^\circ, 110^\circ$

$$\underline{\hspace{2cm}} \textcolor{red}{58^\circ}$$

2) $54^\circ, 77^\circ$

$$\underline{\hspace{2cm}} \textcolor{red}{49^\circ}$$

3) $20^\circ, 60^\circ$

$$\underline{\hspace{2cm}} \textcolor{red}{100^\circ}$$

4) $9^\circ, 157^\circ$

$$\underline{\hspace{2cm}} \textcolor{red}{14^\circ}$$

5) $85^\circ, 25^\circ$

$$\underline{\hspace{2cm}} \textcolor{red}{70^\circ}$$

6) $5^\circ, 171^\circ$

$$\underline{\hspace{2cm}} \textcolor{red}{4^\circ}$$