



Interior Angles

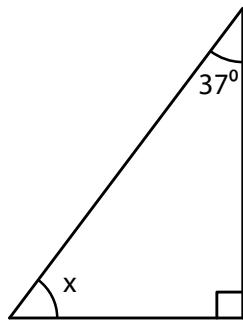
Name _____

Score _____

AT:06

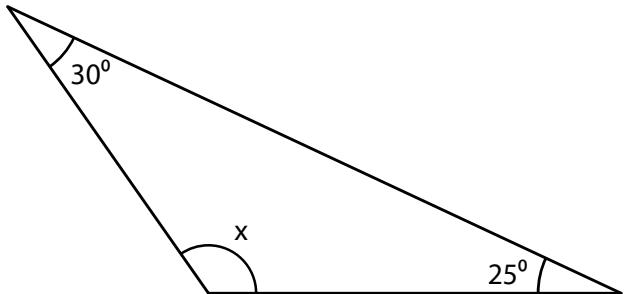
Find the value of x.

1)



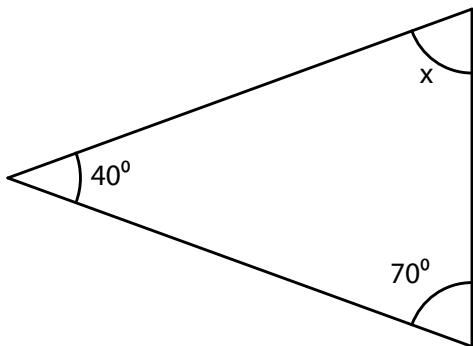
$$x = \underline{\hspace{2cm}}$$

2)



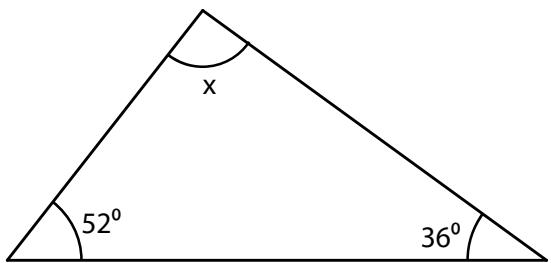
$$x = \underline{\hspace{2cm}}$$

3)



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

4)



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

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

1) $138^\circ, 2^\circ$

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

2) $67^\circ, 76^\circ$

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

3) $41^\circ, 19^\circ$

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

4) $40^\circ, 70^\circ$

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

5) $6^\circ, 21^\circ$

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

6) $57^\circ, 33^\circ$

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



Interior Angles

Name _____

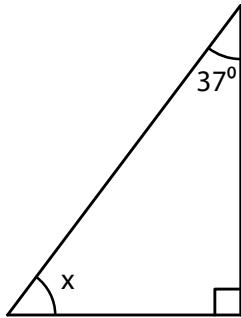
Score _____

Answer key

AT:06

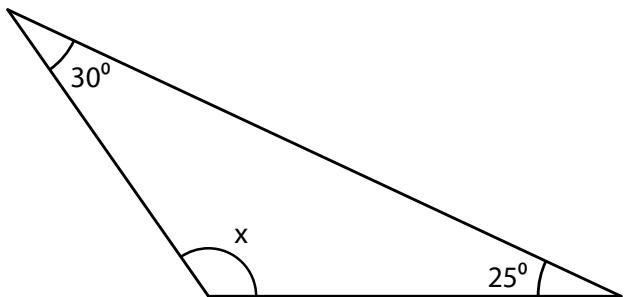
Find the value of x.

1)



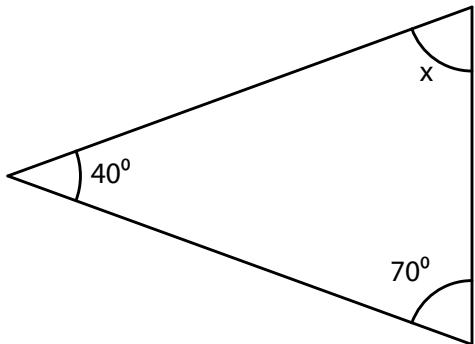
$$x = \underline{\hspace{2cm}} \textcolor{red}{53^\circ}$$

2)



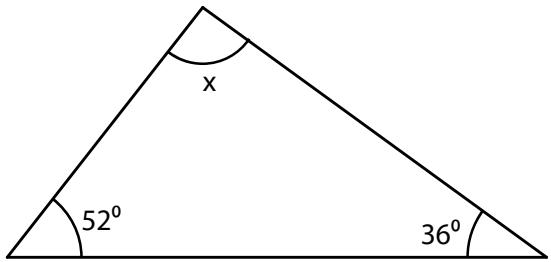
$$x = \underline{\hspace{2cm}} \textcolor{red}{125^\circ}$$

3)



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

4)



$$x = \underline{\hspace{2cm}} \textcolor{red}{92^\circ}$$

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

1) $138^\circ, 2^\circ$

2) $67^\circ, 76^\circ$

3) $41^\circ, 19^\circ$

$$\underline{\hspace{2cm}} \textcolor{red}{40^\circ}$$

$$\underline{\hspace{2cm}} \textcolor{red}{37^\circ}$$

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

4) $40^\circ, 70^\circ$

5) $6^\circ, 21^\circ$

6) $57^\circ, 33^\circ$

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

$$\underline{\hspace{2cm}} \textcolor{red}{153^\circ}$$

$$\underline{\hspace{2cm}} \textcolor{red}{90^\circ}$$