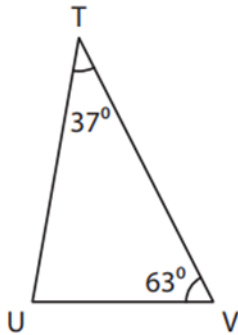




Angle-sum property of a triangle

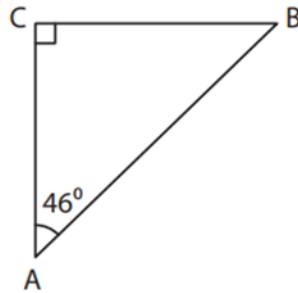
Find the measure of the indicated angle in each triangle.

1)



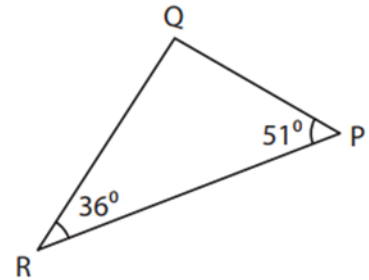
$m\angle U =$ _____

2)



$m\angle B =$ _____

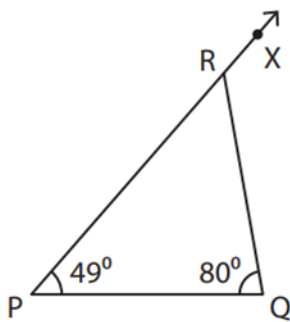
3)



$m\angle Q =$ _____

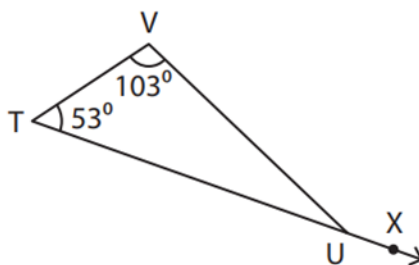
Find the measure of the indicated angle in each triangle.

1)



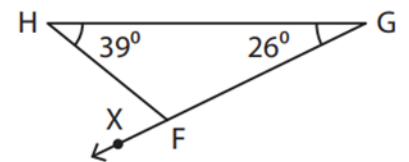
$m\angle QRX =$ _____

2)



$m\angle VUX =$ _____

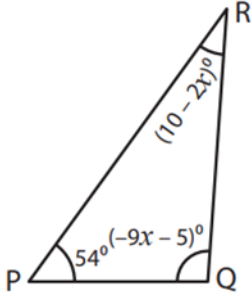
3)



$m\angle HFX =$ _____

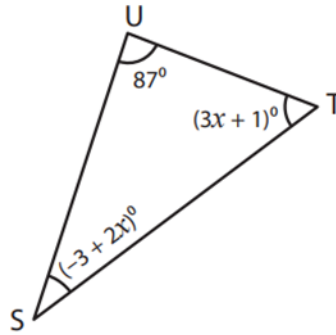


Find the value of x and the measure of an indicated angle:



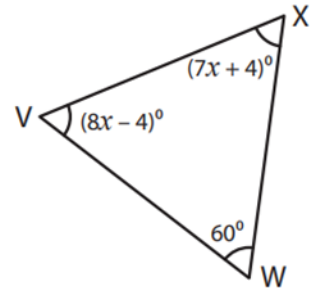
$$x = \underline{\hspace{2cm}}$$

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



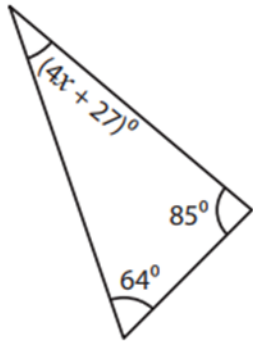
$$x = \underline{\hspace{2cm}}$$

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

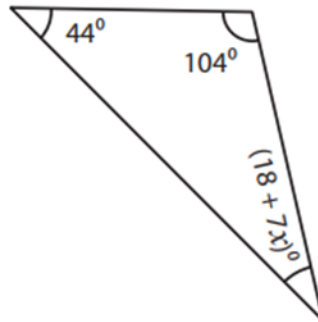


$$x = \underline{\hspace{2cm}}$$

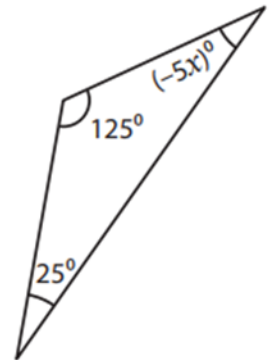
$$m\angle V = \underline{\hspace{2cm}}$$



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



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



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



Answers

- 1) 80
- 2) 44
- 3) 93
- 4) 129
- 5) 156
- 6) 65
- 7) $x = 11$; $\perp Q = 104$
- 8) $x = 19$; $\perp S = 35$
- 9) $x = 8$; $\perp V = 60$
- 10) 1
- 11) 2
- 12) 6