



# Exterior Angles

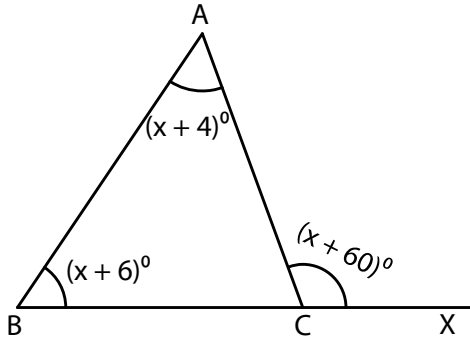
Name \_\_\_\_\_

Score \_\_\_\_\_

AT:16

Find  $x$  and also the three angles.

1)



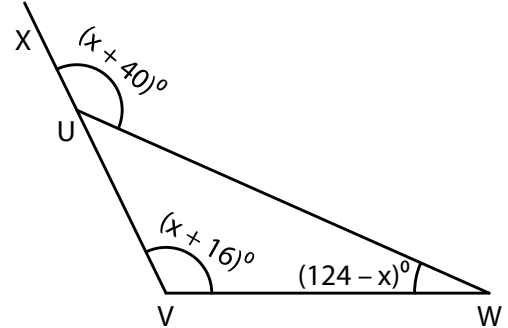
$x =$

$\angle A =$

$\angle B =$

$\angle ACX =$

2)



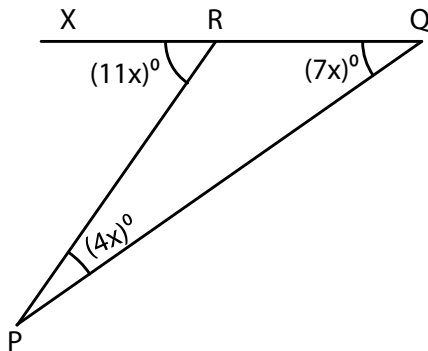
$x =$

$\angle V =$

$\angle W =$

$\angle WUX =$

3)



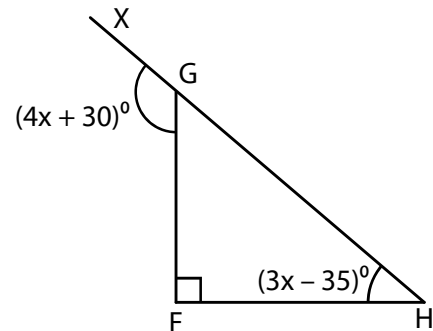
$x =$

$\angle P =$

$\angle Q =$

$\angle PRX =$

4)



$x =$

$\angle F =$

$\angle H =$

$\angle HGX =$



# Exterior Angles

Name \_\_\_\_\_

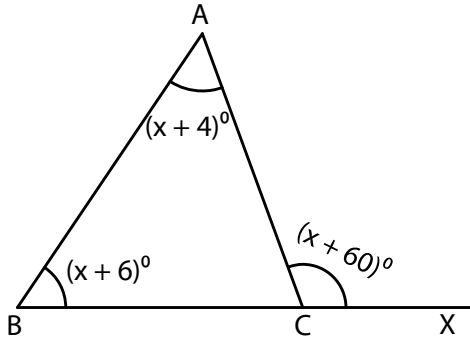
Score \_\_\_\_\_

## Answer key

AT:16

Find  $x$  and also the three angles.

1)



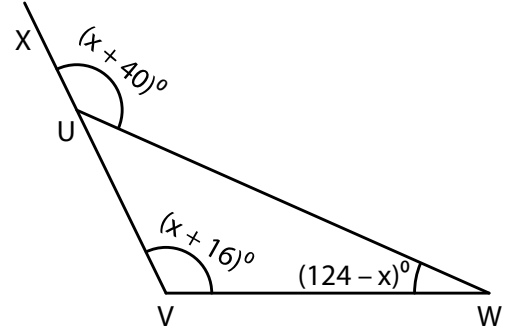
$x = 50$

$\angle A = 54^\circ$

$\angle B = 56^\circ$

$\angle ACX = 110^\circ$

2)



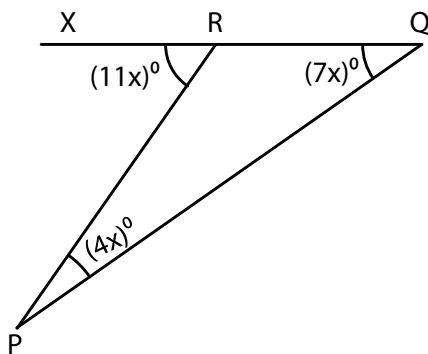
$x = 100$

$\angle V = 116^\circ$

$\angle W = 24^\circ$

$\angle WUX = 140^\circ$

3)



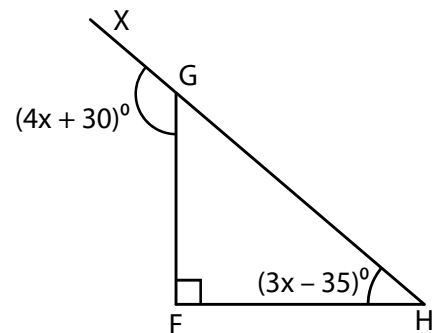
$x = 5$

$\angle P = 20^\circ$

$\angle Q = 35^\circ$

$\angle PRX = 55^\circ$

4)



$x = 25$

$\angle F = 90^\circ$

$\angle H = 40^\circ$

$\angle FXG = 130^\circ$