



Angles on a Straight Line

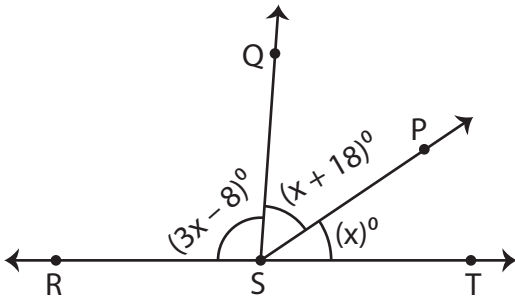
Name _____

Score _____

PA:09

Find the value of x and measure of the mentioned angles.

1)

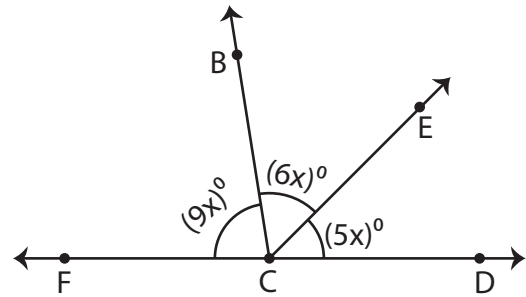


$m\angle RSQ =$ _____

$m\angle QST =$ _____ $x =$ _____

$m\angle PSR =$ _____

2)

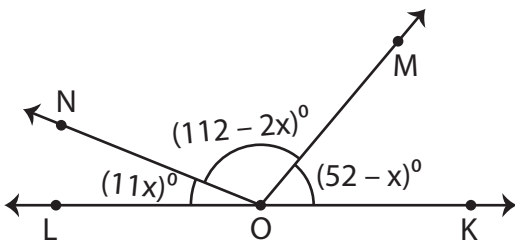


$m\angle DCE =$ _____

$m\angle ECB =$ _____ $x =$ _____

$m\angle BCF =$ _____

3)

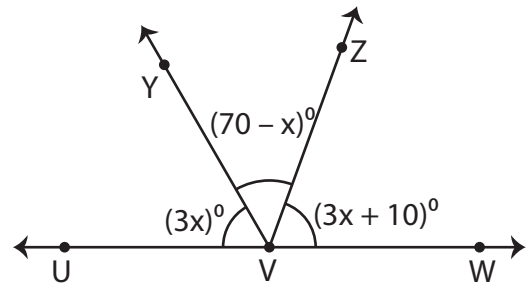


$m\angle KOM =$ _____

$m\angle MON =$ _____ $x =$ _____

$m\angle NOL =$ _____

4)

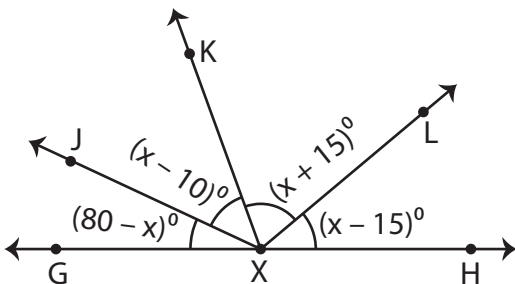


$m\angle YVZ =$ _____

$m\angle UVY =$ _____ $x =$ _____

$m\angle ZVW =$ _____

3)



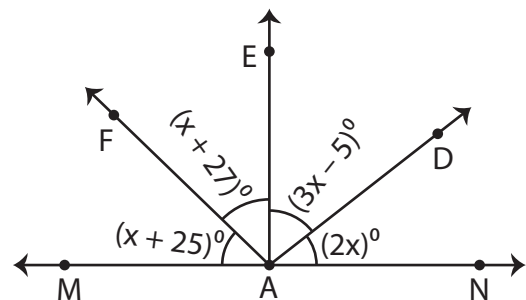
$m\angle JXL =$ _____

$m\angle KXH =$ _____ $x =$ _____

$m\angle GXL =$ _____

$m\angle HXJ =$ _____

4)



$m\angle DAE =$ _____

$m\angle FAM =$ _____ $x =$ _____

$m\angle NAD =$ _____

$m\angle EAF =$ _____



Angles on a Straight Line

Name _____

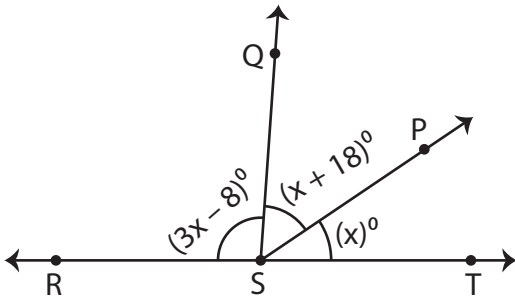
Score _____

Answer key

PA:09

Find the value of x and measure of the mentioned angles.

1)

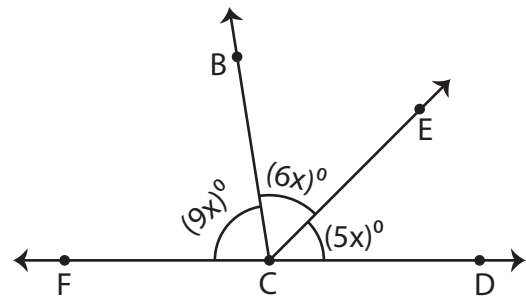


$m\angle RSQ = \underline{94^\circ}$

$m\angle QST = \underline{86^\circ}$ $x = \underline{34}$

$m\angle PSR = \underline{146^\circ}$

2)

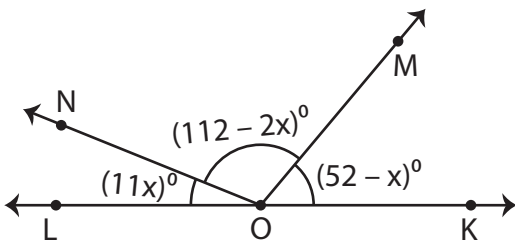


$m\angle DCE = \underline{45^\circ}$

$m\angle ECB = \underline{54^\circ}$ $x = \underline{9}$

$m\angle BCF = \underline{81^\circ}$

3)

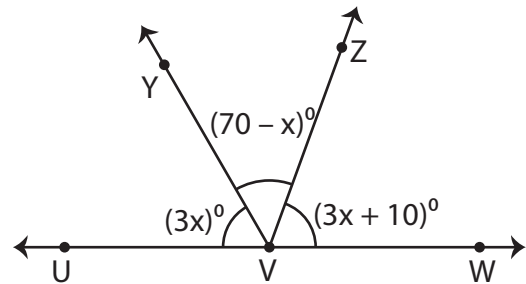


$m\angle KOM = \underline{50^\circ}$

$m\angle MON = \underline{108^\circ}$ $x = \underline{2}$

$m\angle NOL = \underline{22^\circ}$

4)

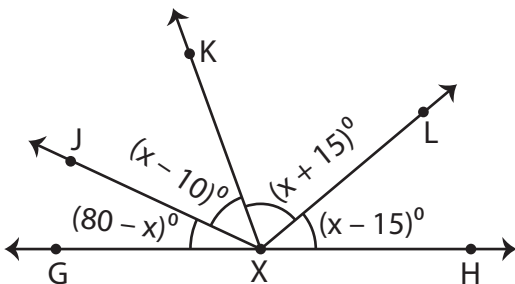


$m\angle YVZ = \underline{50^\circ}$

$m\angle UVY = \underline{60^\circ}$ $x = \underline{20}$

$m\angle ZVW = \underline{70^\circ}$

3)



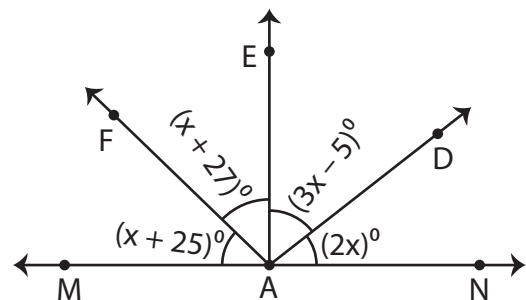
$m\angle JXL = \underline{115^\circ}$

$m\angle KXH = \underline{110^\circ}$ $x = \underline{55}$

$m\angle GXL = \underline{140^\circ}$

$m\angle HXJ = \underline{155^\circ}$

4)



$m\angle DAE = \underline{52^\circ}$

$m\angle FAM = \underline{44^\circ}$ $x = \underline{19}$

$m\angle NAD = \underline{38^\circ}$

$m\angle EAF = \underline{46^\circ}$