Supplementary Angles

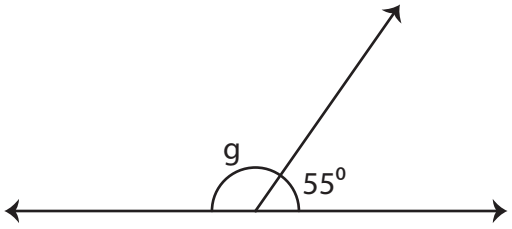
Name _____

Score _____

CS:11

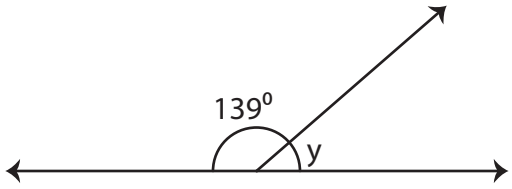
Find the unknown angle.

1)



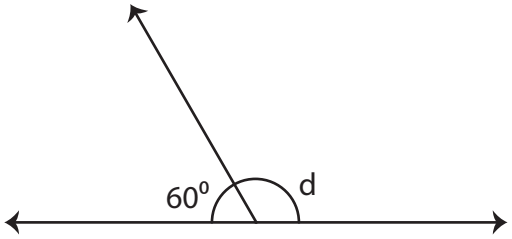
m∠g = _____

2)



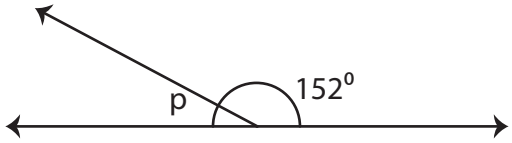
m∠y = _____

3)



m∠d = _____

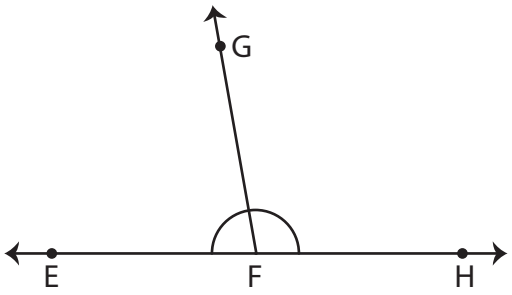
4)



m∠p = _____

Find the value of x.

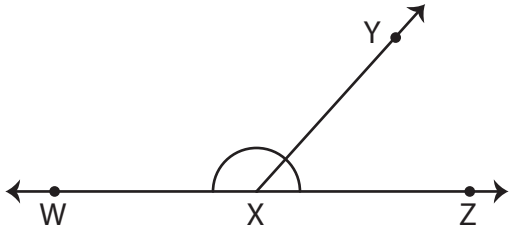
1)



m∠GFH = $(x - 1)^0$; m∠EFG = 80^0

x = _____

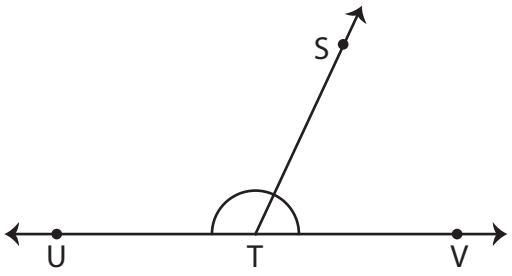
2)



m∠WXY = 132^0 ; m∠YXZ = $(x + 3)^0$

x = _____

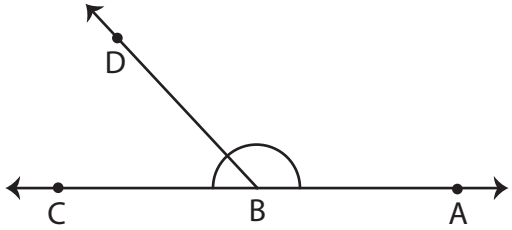
3)



m∠STU = $(x + 45)^0$; m∠VTS = $(x - 5)^0$

x = _____

4)



m∠ABD = $(x + 33)^0$; m∠CBD = $(x - 53)^0$

x = _____

Supplementary Angles

Name _____

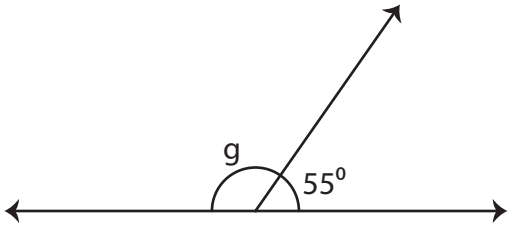
Score _____

Answer key

CS:11

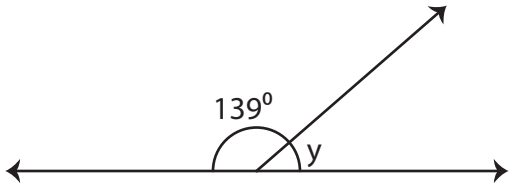
Find the unknown angle.

1)



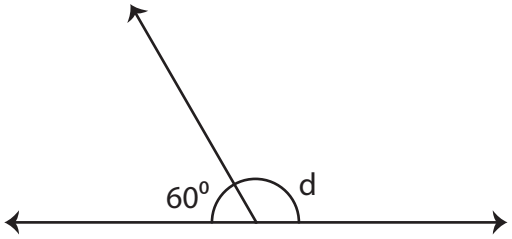
m∠g = **125°**

2)



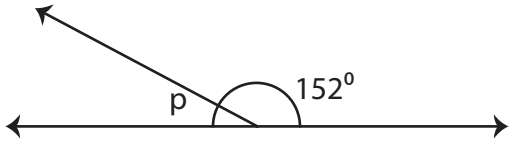
m∠y = **41°**

3)



m∠d = **120°**

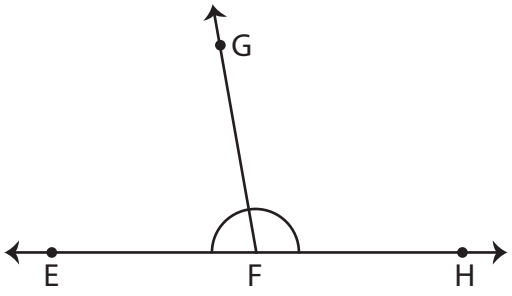
4)



m∠p = **28°**

Find the value of x.

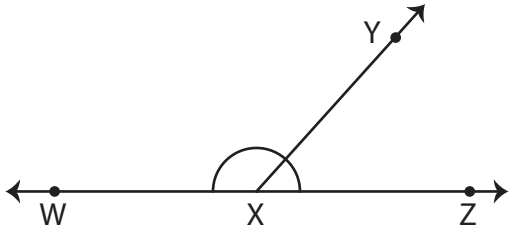
1)



m∠GFH = $(x - 1)^0$; m∠EFG = 80^0

x = **101**

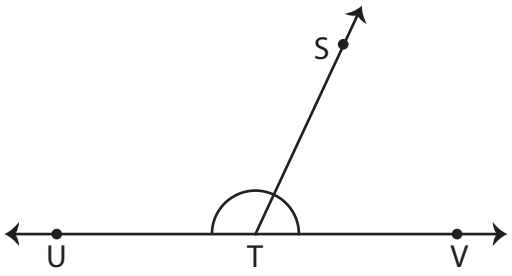
2)



m∠WXY = 132^0 ; m∠YXZ = $(x + 3)^0$

x = **45**

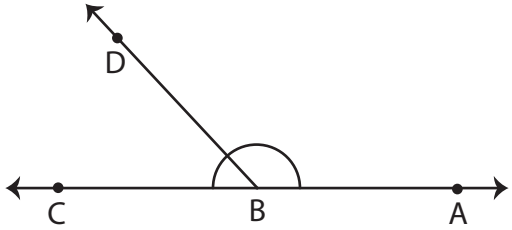
3)



m∠STU = $(x + 45)^0$; m∠VTS = $(x - 5)^0$

x = **70**

4)



m∠ABD = $(x + 33)^0$; m∠CBD = $(x - 53)^0$

x = **100**