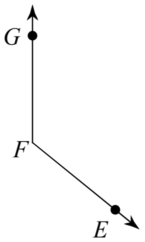
Geometry and PAP Geometry Name________________________________

WS 1.2.1A Naming and Measuring Angles

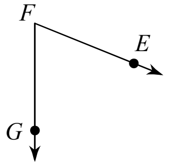
Date________________ Period____

Name the vertex and sides of each angle.

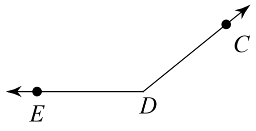
1)



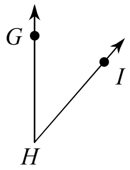
2)



3)

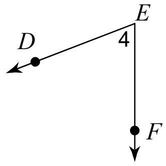


4)

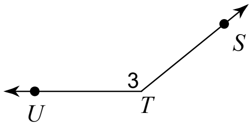


Name each angle in four ways.

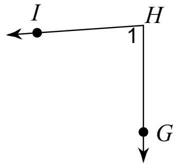
5)



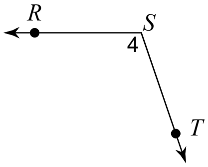
6)



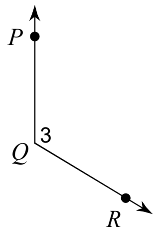
7)



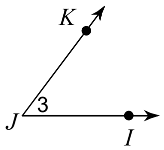
8)



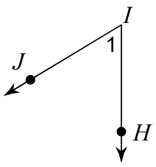
9)



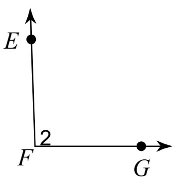
10)



11)

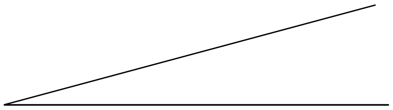


12)

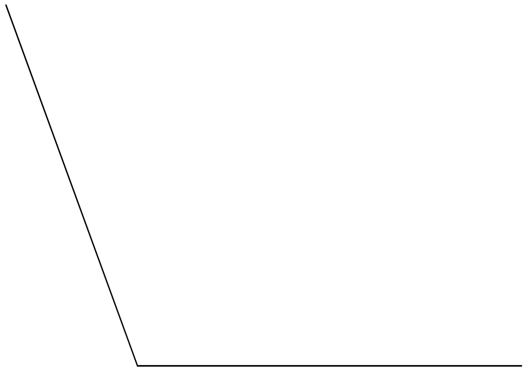


Find the measure of each angle to the nearest degree.

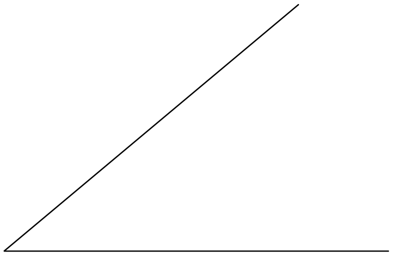
13)



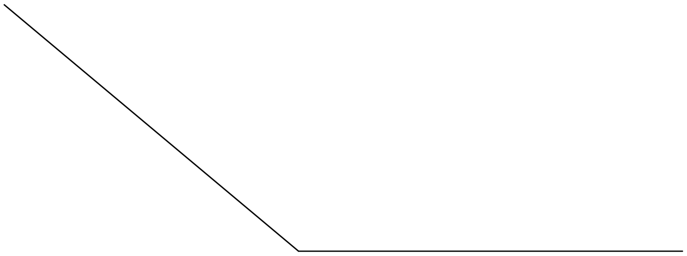
14)



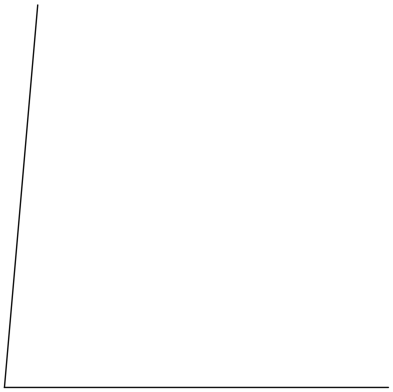
15)



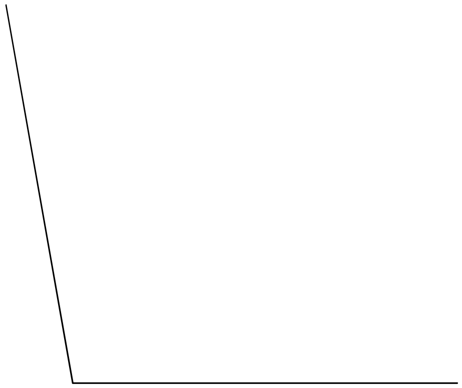
16)



17)

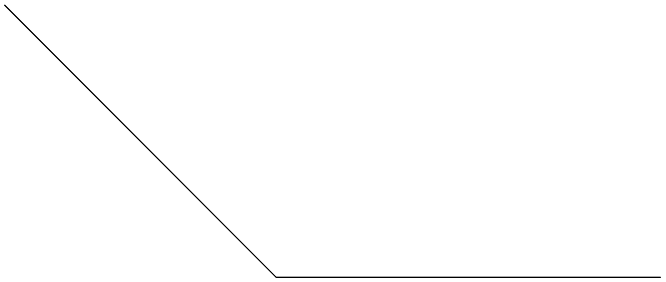


18)

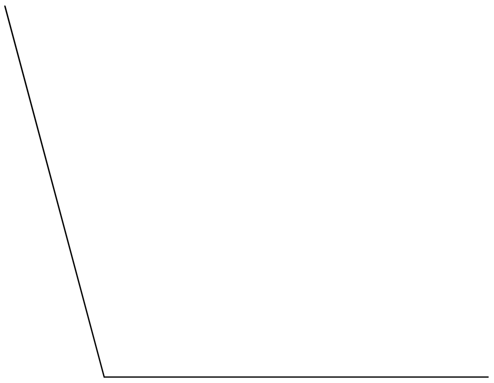


19)

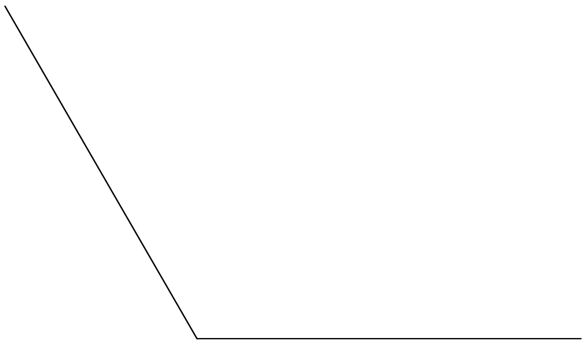
20)



21)

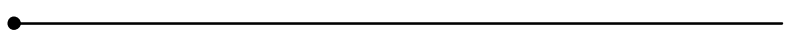


22)

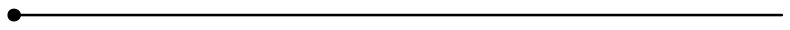


Draw an angle with the given measurement.

23) 108°

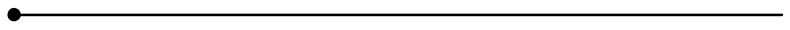


24) 22°

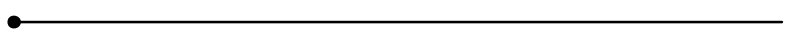


25) 60°

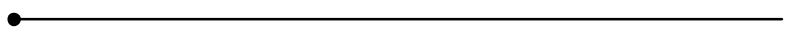
26) 40°



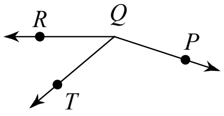
27) 156°



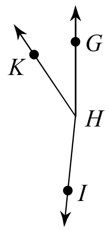
28) 32°



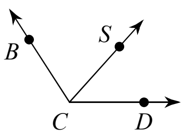
29) $m\angle PQT = 122°$ and $m\angle PQR = 162°$.
Find $m\angle TQR$.



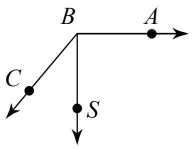
30) $m\angle KHG = 34°$ and $m\angle IHK = 140°$.
Find $m\angle IHG$.



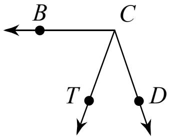
31) $m\angle SCD = 48°$ and $m\angle BCD = 123°$.
Find $m\angle BCS$.



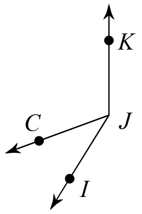
32) $m\angle SBC = 40°$ and $m\angle ABC = 130°$.
Find $m\angle ABS$.



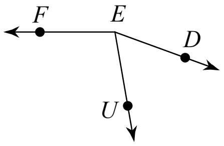
33) $m\angle DCT = 39°$ and $m\angle TCB = 70°$.
Find $m\angle DCB$.



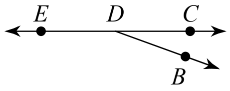
34) $m\angle IJC = 38°$ and $m\angle CJK = 110°$.
Find $m\angle IJK$.



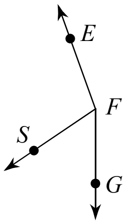
35) $m\angle DEU = 6x + 12$, $m\angle DEF = 160°$,
and $m\angle UEF = 13x - 4$. Find x.



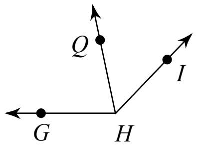
36) $m\angle CDB = 20°$, $m\angle CDE = 180 + x$,
and $m\angle BDE = 2x + 160$. Find x.



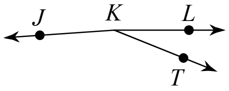
37) $m\angle GFS = x + 57$, $m\angle SFE = x + 105$,
and $m\angle GFE = 160°$. Find x.



38) $m\angle GHI = 134°$, $m\angle QHI = 67 + x$,
and $m\angle GHQ = 89 + x$. Find x.



39) $m\angle LKJ = 176°$, $m\angle LKT = x + 32$,
and $m\angle TKJ = x + 164$. Find x.



40) $m\angle QRM = 26x + 2$, $m\angle MRS = 50x + 2$,
and $m\angle QRS = 156°$. Find x.