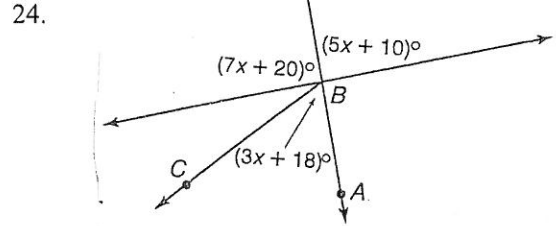
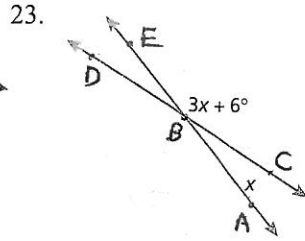
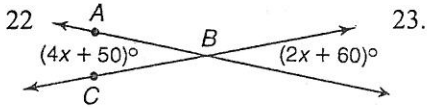


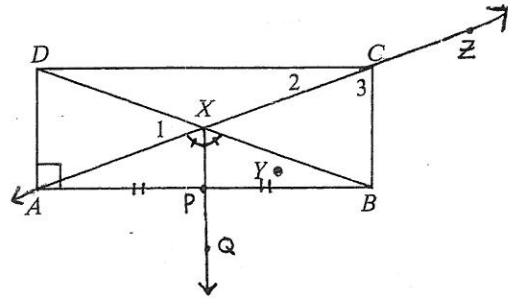


#22-24, Find the measure of  $\angle ABC$  (you will have to solve for  $x$  first) (2 pt ea)



#25-31, Use diagram at right (1 pt ea)

25. Is  $\angle AXC$  a straight angle?
26. Name a point on  $\overleftrightarrow{AC}$  that is not on  $\overline{AC}$
27. Is point Y interior of  $\angle 3$ ?
28. Is  $\angle ADC$  a right angle?
29. Name three collinear points
30. Which angle is supplementary to  $\angle AXD$ ?
31. Name the vertex and sides of  $\angle 1$ : (2 pt)      vertex:                      sides:

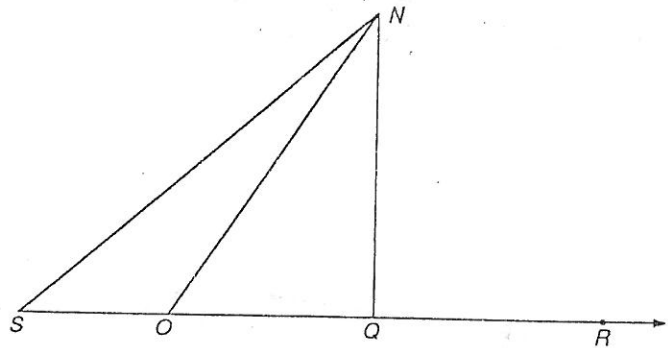


32. Solve for  $x$  if  $\angle R$  is complementary to  $\angle Q$ ,  $m\angle R = 7x + 4$  and  $m\angle Q = 4x + 9$  (2 pt)

33. The measure of an angle is 44 more than the measure of its supplement. Find the measure of both angles. (2 pt)

#34-36, accurately measure each angle. (1 pt ea)

34.  $m\angle SON$
35.  $m\angle SNO$
36.  $m\angle ONQ$



37. Draw one diagram with the five points A, B, C, D, and E so that all statements are true: (2 pt)
  - A, B, D lie between C and E
  - $\overrightarrow{AD}$  and  $\overrightarrow{AB}$  are opposite rays
  - $\overrightarrow{AD}$  and  $\overrightarrow{AE}$  are the same ray