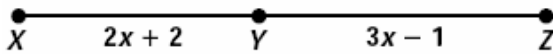
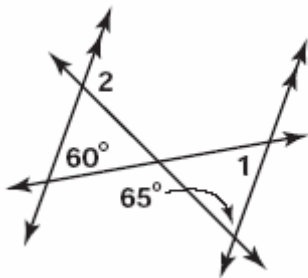


We're talking about deduction – reasoning from facts using general rules and logic.  
**Determine how you know whether or not the following assertions are *true or false*.**  
 Be sure to use the column presentation in at least four of your explanations.

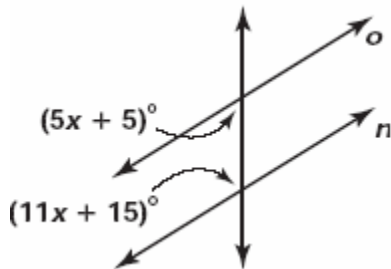
Remember: if I can read it and ask, “Why?”, there’s a hole in your explanation.



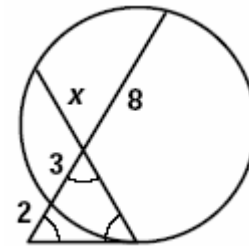
If  $XY = 12$ , then  $XZ = 24$ .



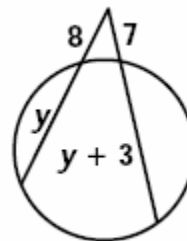
Angle 1 measures 55 degrees.



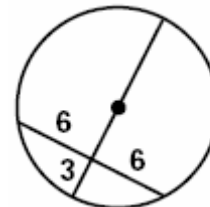
If line  $o$  and  $n$  are parallel, then  $x = 12$ .



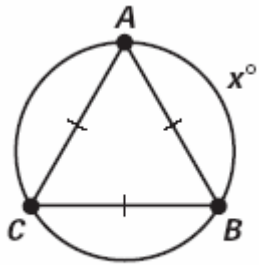
$x$  is equal to 4.2.



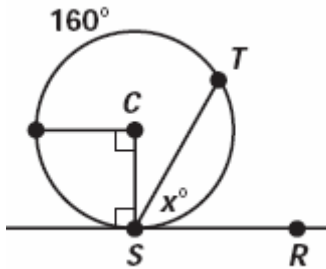
$Y$  is equal to 6.



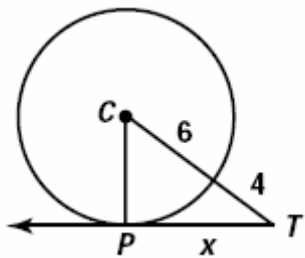
The radius of this circle is 7.5.



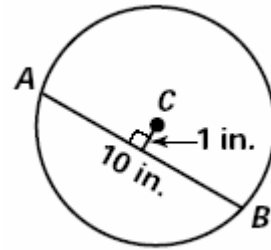
Arc  $x$  has measure 140 degrees.



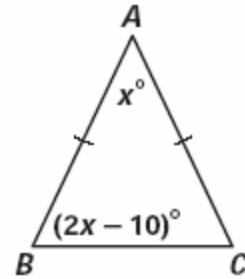
Angle  $x$  has measure 70 degrees.



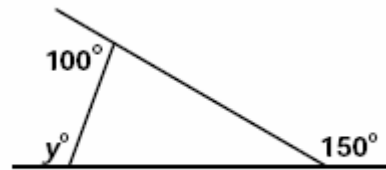
Segment  $TP$  has length 8.



The diameter of this circle is 5.1.



$x$  is equal to 40.



Angle  $y$  has measure 115 degrees.