

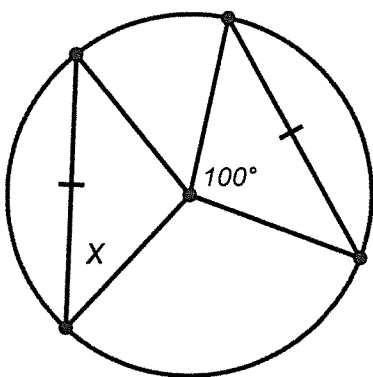
20. What are the new coordinates of A(-3, 7) B(5, 1) C(6,0) when it has been reflected over the:

a) x – axis: A'( , ) B' ( , ) C'( , )

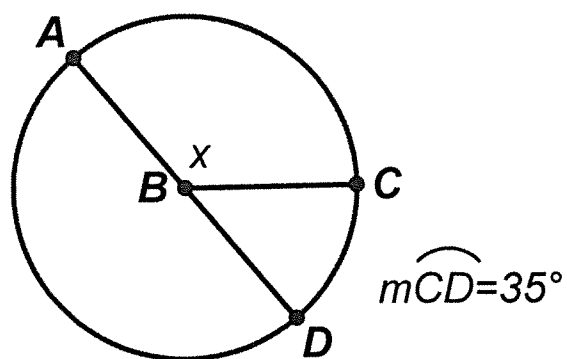
b) y – axis: A''( , ) B'' ( , ) C''( , )

Find the value of x in the circles shown below.

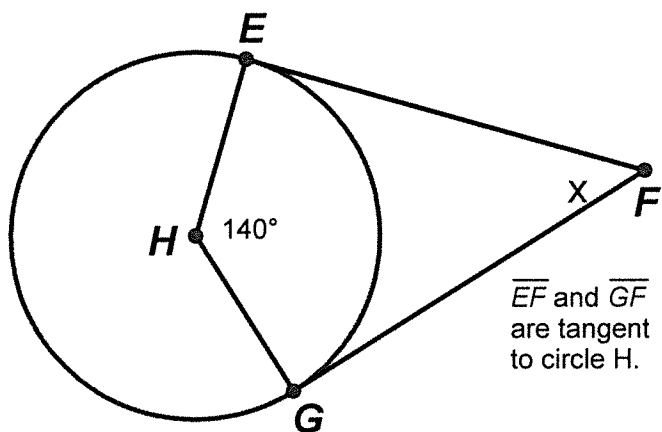
21.



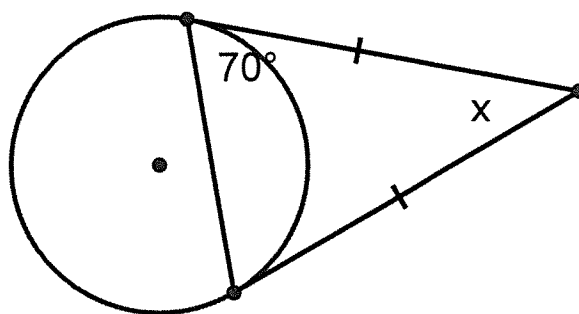
22.



23.

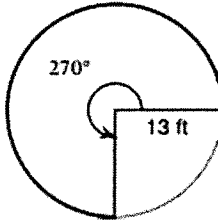


24.

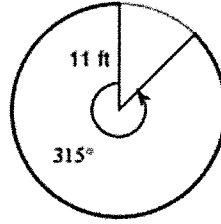


Find the arc length

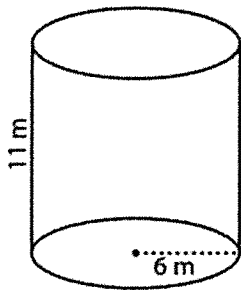
32.



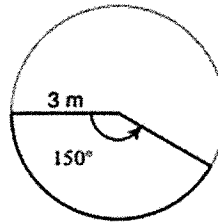
33.



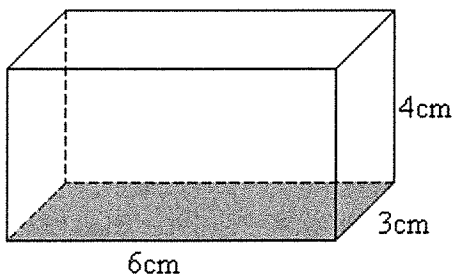
34. Find the volume of the cylinder



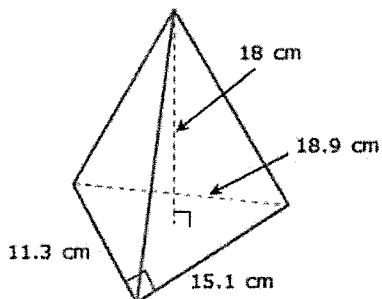
35. Find the area of the sector



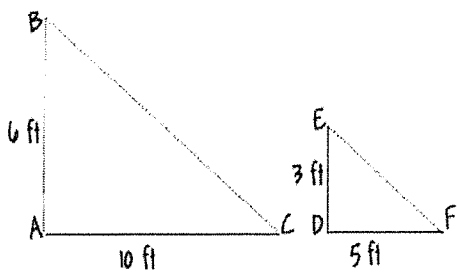
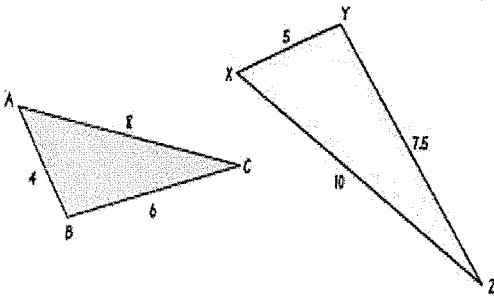
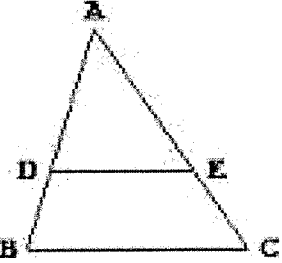
36. Find the volume of the rectangular prism



37. Find the volume of the triangular pyramid



6. Which of the following diagrams contains similar triangles? How do you know they are similar?

	Similar	Not Similar	Explain your reasoning (make sure you state a theorem/postulate and support sides with ratios)
<p>Is triangle BAC ~ triangle EDF?</p> <p>Do Not assume angles are congruent unless marked.</p> 			
<p>Is triangle ABC ~ triangle XYZ?</p> 			
<p><math>\overline{DE} \parallel \overline{BC}</math></p> <p>Is triangle ABC ~ triangle ADE</p> 			

7. Solve for  $\overline{AD}$

