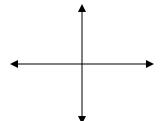
2.	The equation of the locus of the point 1. $x^2 + y^2 = 5$ 2. $x^2 + y^2 = 25$				
3.	If point p is on line l, what is the total number of points 3 centimeters from point and 4 centimeters from line l? 1. 1 2. 2 3. 0 4. 4				
4.	The number of points equidistant from two parallel lines and also equidistant from two points on one of the given lines is exactly 1. 1 2. 2 3. 3 4. 4				
5.	The distance between two parallel lines L and M is 12 units. Point A is on line L. How many points are equidistant from lines L and M and 8 units from point A? 1. 1 2. 2 3. 3 4. 4				
6.	In the coordinate plane, what is the total number of points 5 units from the origin and equidistant from both the x and y-axes/ 1. 1 2. 2 3. 0 4. 4				
7.	(2,9)?	on represents the $2. y = -6$			ats equidistant from points $(2,3)$ and $(2,3)$ and $(2,3)$
8.	What is the total number of points in a plane that are 3 units from the y-axis and also 4 units from the origin? 1. 0 2. 2 3. 3 4. 4				
9.	What is the greatest number of points of intersection of a triangle and a circle? 1. 6 2. 2 3. 3 4. 4				
 10. What is the total number of points equidistant from two intersecting straight roads and also 300 feet from the traffic light at the center of the intersection? 1. 1 2. 2 3. 3 4. 4 					
 11. The locus of points equidistant from two sides of an acute scalene triangle is 1. an angle bisector 2. an altitude 3. a median 4. the third side 					

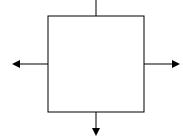
What is the locus of points at a given distance from a line?
 1 point
 2 points
 1 circle
 2 parallel lines

12. Which graph represents the locus of points 3 units from the origin?

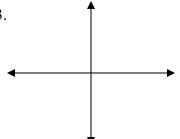
1.



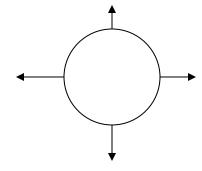
2.



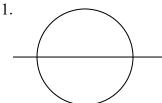
3.



4.



13. If point P lies on line I, which diagram represents the locus of points 3 centimeters from point P?



2.





4.



14. A treasure map shows a treasure hidden in a park near a tree and a statue. The map indicates that the tree and the statue are 10 feet apart. The treasure is buried 7 feet from the base of the tree and also 5 feet from the base of the statue. How many places are possible locations for the treasure to be buried? Draw a diagram of the treasure map, and indicate with an X each possible location of the treasure.