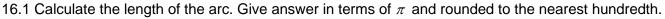
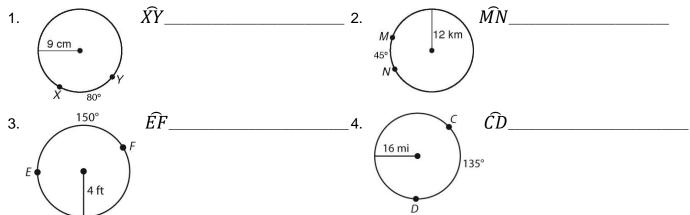
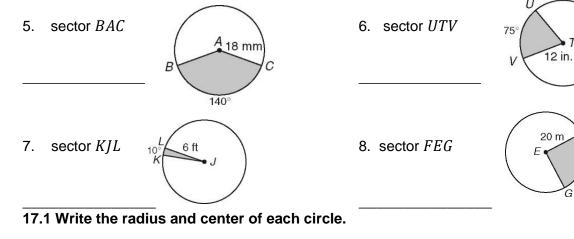
16.2-17.1 Show all work, correct answers, and fix work for credit.

Name





16.3 Calculate the area of the sector. Give answers in terms of π and rounded to the nearest hundredth.



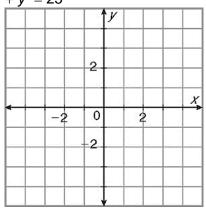
- 1. $(x-2)^2 + (y-5)^2 = 36$ r =_____ center = (,) 2. $x^2 + y^2 = 25$ r =_____ center = (,)
- 3. $(x-8)^2 + (y+3)^2 = 9$ $r = _$ center = (,) 4. $x^2 + y^2 = 49$ $r = _$ center = (, Write the equation of each circle.
- 7. Circle D with center D(3, 3) and radius 2

90

-)
- 5. Circle *L* with center L(4, -3) and radius 5 6. Circle *A* centered at the origin with radius 6
 - 8. Circle M with center M(0, -2) and radius 9

Graph each equation. Use the radius to plot four points around the center that lie on the circle.

 $9.x^2 + y^2 = 25$



10. $(x+2)^2 + (y-1)^2 = 4$

<u> </u>	1 1	1 A 1/		
		J Y		. 3
		2		
10. 4			5 R 5)
	-2	0	2	
		-2		
		-		

