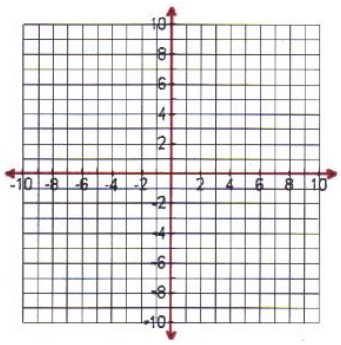
Math 2 Charter 10 Practice Quiz #20

1. Find the center and radius of the given circle. Graph the equation on the graph provided.

$$(x+7)^2+(x-3)^2=9$$



Center: (_____, _____) Radius: _____

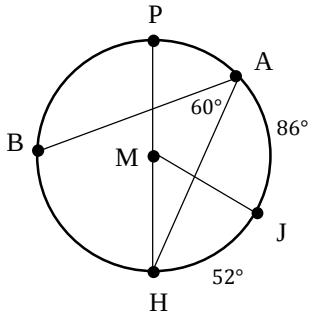
2. The equation of the circle is written in graphing form. Write it in general form.

$(x-8)^2+(y-7)^2=25$ _____

3. The equation is written in general form. Write it in graphing form.

$x^2+y^2-12x+16y+19=0$ _____

4. M is the center of the circle.



(a) $m\widehat{AP}$ = _____ (b) $m\widehat{HB}$ = _____

(c) m$\angle HMJ$ = _____ (d) m$\angle PHA$ = _____

(e) $m\widehat{PB}$ = _____

5. Use the two-way table to find the probabilities to the nearest percent.

	Cold	Hot	
True	16	29	45
False	14	11	25
	30	40	70

(a) P (True Hot) = _____ (b) P (False Cold) = _____

(c) P (Hot or True) = _____ (d) P (Cold or False) = _____

(e) P (Hot given True) = _____ (f) P (False given Cold) = _____