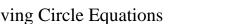


Solve each problem. Round to two decimal places.			Answers
1)	x value of 2 and y value of 4. Find the radius.		
		1.	
2)	y value of 4 and radius of 9. Find the value of x.	2	
ŕ		2.	
3)	x value of 4 and radius of 10. Find the value of y.	3.	
3)	x value of 4 and fadius of 10. Find the value of y.		
		4.	
4)	x value of 5 and radius of 8. Find the value of y.	5.	
5)	x value of 2 and y value of 3. Find the radius.	6.	
		_	
6)	y value of 3 and radius of 9. Find the value of x.	7.	
		8.	
7)	y value of 2 and radius of 6. Find the value of x.		
,	y value of 2 and factus of 6. I find the value of x.	9.	
		10.	
8)	x value of 2 and radius of 7. Find the value of y.		
		11.	
9)	x value of 4 and y value of 5. Find the radius.	10	
		12.	
10)	x value of 3 and y value of 4. Find the radius.	13.	
11)	y value of 5 and radius of 10. Find the value of x.	14.	
ŕ		15.	
12)	y value of 5 and radius of 7. Find the value of x.		
12)	y value of 3 and radius of 7. I and the value of x.		
13)	x value of 5 and y value of 4. Find the radius.		
14)	x value of 4 and radius of 6. Find the value of y.		

15) x value of 3 and y value of 2. Find the radius.



Answer Key

Name:

Solve each problem. Round to two decimal places.

1) x value of 2 and y value of 4. Find the radius. $r^2 = 2^2 + 4^2$ $r=\pm\sqrt{7}$

- 2) y value of 4 and radius of 9. Find the value of x. $x^2 = 9^2 - 4^2$ $x = \pm \sqrt{65}$
- 3) x value of 4 and radius of 10. Find the value of y. $v^2 = 10^2 - 4^2$ $v = \pm \sqrt{84}$
- 4) x value of 5 and radius of 8. Find the value of y. $v^2 = 8^2 - 5^2$ $v = \pm \sqrt{39}$
- 5) x value of 2 and y value of 3. Find the radius. $r^2 = 2^2 + 3^2$ $r = \pm \sqrt{10}$
- **6)** y value of 3 and radius of 9. Find the value of x. $x^2 = 9^2 - 3^2$ $x = \pm \sqrt{72}$
- 7) y value of 2 and radius of 6. Find the value of x. $x^2 = 6^2 - 2^2$ $x = \pm \sqrt{32}$
- 8) x value of 2 and radius of 7. Find the value of y. $v^2 = 7^2 - 2^2$ $v = \pm \sqrt{45}$
- 9) x value of 4 and y value of 5. Find the radius. $r^2 = 4^2 + 5^2$ $r = +\sqrt{9}$
- 10) x value of 3 and y value of 4. Find the radius. $r^2 = 3^2 + 4^2$ $r = \pm \sqrt{8}$
- 11) y value of 5 and radius of 10. Find the value of x. $x^2 = 10^2 - 5^2$ $x = \pm \sqrt{75}$
- 12) y value of 5 and radius of 7. Find the value of x. $x^2 = 7^2 - 5^2$ $x = +\sqrt{24}$
- **13**) x value of 5 and y value of 4. Find the radius. $r^2 = 5^2 + 4^2$ $r = \pm \sqrt{6}$
- **14)** x value of 4 and radius of 6. Find the value of y. $v^2 = 6^2 - 4^2$ $v = \pm \sqrt{20}$
- **15)** x value of 3 and y value of 2. Find the radius.

- ± 4.47
- ± 8.06
- ±9.17 3.
- ± 6.24
- ± 3.61
- ± 8.49
- ±5.66
- ± 6.71
- ± 6.40 9.
- ±5.00 10.
- ±8.66 11.
- 12.
- ± 6.40 13.
- ± 4.47 14.
- ± 3.61 15.

60 | 53 | 47 | 40 | 33