

Solve each problem. Round to two decimal places.			Answers
1)	x value of 3 and radius of 9. Find the value of y.		
		1.	
2)	x value of 2 and radius of 6. Find the value of y.	2.	
	·	۷.	
3)	y value of 4 and radius of 9. Find the value of x.	3.	
3)	y value of 4 and fadius of 5. I find the value of x.		
		4.	
4)	y value of 4 and radius of 6. Find the value of x.	5.	
5)	x value of 4 and y value of 3. Find the radius.	6.	
		_	
6)	x value of 3 and radius of 9. Find the value of y.	7.	
		8.	
7)	y value of 4 and radius of 10. Find the value of y		
1)	x value of 4 and radius of 10. Find the value of y.	9.	
		10.	
8)	x value of 3 and radius of 7. Find the value of y.	10.	
		11.	
9)	y value of 4 and radius of 10. Find the value of x.		
		12.	
10)	x value of 2 and y value of 4. Find the radius.	13.	
11)	x value of 3 and radius of 7. Find the value of y.	14.	
11)	A value of 5 and radius of 7.1 ma the value of 3.	15.	
10)		10.	
12)	y value of 4 and radius of 7. Find the value of x.		
13)	x value of 3 and radius of 8. Find the value of y.		
14)	x value of 5 and y value of 3. Find the radius.		

15) x value of 2 and y value of 4. Find the radius.



Solve each problem. Round to two decimal places.

- 1) x value of 3 and radius of 9. Find the value of y. $v^2 = 9^2 - 3^2$ $y = \pm \sqrt{72}$
- 2) x value of 2 and radius of 6. Find the value of y. $v^2 = 6^2 - 2^2$ $y = \pm \sqrt{32}$
- 3) y value of 4 and radius of 9. Find the value of x. $x^2 = 9^2 - 4^2$ $x = +\sqrt{65}$
- 4) y value of 4 and radius of 6. Find the value of x. $x^2 = 6^2 - 4^2$ $x = +\sqrt{20}$
- 5) x value of 4 and y value of 3. Find the radius. $r^2 = 4^2 + 3^2$ $r = \pm \sqrt{9}$
- 6) x value of 3 and radius of 9. Find the value of y. $v^2 = 9^2 - 3^2$ $y = \pm \sqrt{72}$
- 7) x value of 4 and radius of 10. Find the value of y. $v^2 = 10^2 - 4^2$ $y = \pm \sqrt{84}$
- 8) x value of 3 and radius of 7. Find the value of y. $v^2 = 7^2 - 3^2$ $y = \pm \sqrt{40}$
- 9) y value of 4 and radius of 10. Find the value of x. $x^2 = 10^2 - 4^2$ $x = \pm \sqrt{84}$
- **10)** x value of 2 and y value of 4. Find the radius. $r^2 = 2^2 + 4^2$ $r = \pm \sqrt{6}$
- 11) x value of 3 and radius of 7. Find the value of y. $v^2 = 7^2 - 3^2$ $y = \pm \sqrt{40}$
- **12)** y value of 4 and radius of 7. Find the value of x. $x^2 = 7^2 - 4^2$ $x = +\sqrt{33}$
- **13**) x value of 3 and radius of 8. Find the value of y. $v^2 = 8^2 - 3^2$ $y = \pm \sqrt{55}$
- **14)** x value of 5 and y value of 3. Find the radius. $r^2 = 5^2 + 3^2$ $r = \pm \sqrt{9}$
- **15**) x value of 2 and y value of 4. Find the radius.

Answers

Answer Key

±8.49

- ±5.66
 - ±8.06 3.
 - ± 4.47
- ± 5.00
- ± 8.49 6.
- ±9.17
- ± 6.32
- ±9.17 9.
- ± 4.47 10.
- ± 6.32 11.
- ±5.74 12.
- ± 7.42 13.
- 14.
- ± 4.47 15.

60 | 53 | 47 | 40 | 33