



Solve each problem. Round to two decimal places.

Answers

- 1) y value of 5 and x value of 7.48. Find the radius.
- 2) x value of 3 and radius of 8. Find the value of y .
- 3) x value of 5 and radius of 10. Find the value of y .
- 4) x value of 4 and y value of 3. Find the radius.
- 5) x value of 2 and y value of 5. Find the radius.
- 6) x value of 3 and y value of 4. Find the radius.
- 7) y value of 3 and x value of 8.49. Find the radius.
- 8) x value of 5 and radius of 6. Find the value of y .
- 9) x value of 4 and y value of 5. Find the radius.
- 10) x value of 4 and y value of 3. Find the radius.
- 11) x value of 5 and radius of 9. Find the value of y .
- 12) y value of 4 and x value of 4.47. Find the radius.
- 13) y value of 4 and x value of 5.74. Find the radius.

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____
- 11. _____
- 12. _____
- 13. _____



Solve each problem. Round to two decimal places.

- 1) y value of 5 and x value of 7.48. Find the radius.
 $x^2 = 9^2 - 5^2$
 $x = \pm\sqrt{56}$
- 2) x value of 3 and radius of 8. Find the value of y.
 $y^2 = 8^2 - 3^2$
 $y = \pm\sqrt{55}$
- 3) x value of 5 and radius of 10. Find the value of y.
 $y^2 = 10^2 - 5^2$
 $y = \pm\sqrt{75}$
- 4) x value of 4 and y value of 3. Find the radius.
 $r^2 = 4^2 + 3^2$
 $r = \pm\sqrt{10}$
- 5) x value of 2 and y value of 5. Find the radius.
 $r^2 = 2^2 + 5^2$
 $r = \pm\sqrt{10}$
- 6) x value of 3 and y value of 4. Find the radius.
 $r^2 = 3^2 + 4^2$
 $r = \pm\sqrt{6}$
- 7) y value of 3 and x value of 8.49. Find the radius.
 $x^2 = 9^2 - 3^2$
 $x = \pm\sqrt{72}$
- 8) x value of 5 and radius of 6. Find the value of y.
 $y^2 = 6^2 - 5^2$
 $y = \pm\sqrt{11}$
- 9) x value of 4 and y value of 5. Find the radius.
 $r^2 = 4^2 + 5^2$
 $r = \pm\sqrt{10}$
- 10) x value of 4 and y value of 3. Find the radius.
 $r^2 = 4^2 + 3^2$
 $r = \pm\sqrt{8}$
- 11) x value of 5 and radius of 9. Find the value of y.
 $y^2 = 9^2 - 5^2$
 $y = \pm\sqrt{56}$
- 12) y value of 4 and x value of 4.47. Find the radius.
 $x^2 = 6^2 - 4^2$
 $x = \pm\sqrt{20}$
- 13) y value of 4 and x value of 5.74. Find the radius.
 $x^2 = 7^2 - 4^2$
 $x = \pm\sqrt{33}$

Answers

1. ±7.48
2. ±7.42
3. ±8.66
4. ±5.00
5. ±5.39
6. ±5.00
7. ±8.49
8. ±3.32
9. ±6.40
10. ±5.00
11. ±7.48
12. ±4.47
13. ±5.74