



Solve each problem. Round to two decimal places.

Answers

- 1) x value of 2 and y value of 5. Find the radius.
- 2) x value of 2 and y value of 3. Find the radius.
- 3) y value of 2 and x value of 5.66. Find the radius.
- 4) x value of 4 and y value of 4. Find the radius.
- 5) x value of 5 and y value of 2. Find the radius.
- 6) x value of 3 and y value of 5. Find the radius.
- 7) y value of 3 and x value of 7.42. Find the radius.
- 8) x value of 2 and radius of 10. Find the value of y.
- 9) x value of 5 and radius of 6. Find the value of y.
- 10) x value of 2 and radius of 10. Find the value of y.
- 11) x value of 4 and y value of 3. Find the radius.
- 12) x value of 3 and y value of 3. Find the radius.
- 13) y value of 5 and x value of 4.90. 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) x value of 2 and y value of 5. Find the radius.
 $r^2 = 2^2 + 5^2$
 $r = \pm\sqrt{29}$
- 2) x value of 2 and y value of 3. Find the radius.
 $r^2 = 2^2 + 3^2$
 $r = \pm\sqrt{13}$
- 3) y value of 2 and x value of 5.66. Find the radius.
 $x^2 = 6^2 - 2^2$
 $x = \pm\sqrt{32}$
- 4) x value of 4 and y value of 4. Find the radius.
 $r^2 = 4^2 + 4^2$
 $r = \pm\sqrt{32}$
- 5) x value of 5 and y value of 2. Find the radius.
 $r^2 = 5^2 + 2^2$
 $r = \pm\sqrt{29}$
- 6) x value of 3 and y value of 5. Find the radius.
 $r^2 = 3^2 + 5^2$
 $r = \pm\sqrt{34}$
- 7) y value of 3 and x value of 7.42. Find the radius.
 $x^2 = 8^2 - 3^2$
 $x = \pm\sqrt{55}$
- 8) x value of 2 and radius of 10. Find the value of y.
 $y^2 = 10^2 - 2^2$
 $y = \pm\sqrt{96}$
- 9) x value of 5 and radius of 6. Find the value of y.
 $y^2 = 6^2 - 5^2$
 $y = \pm\sqrt{11}$
- 10) x value of 2 and radius of 10. Find the value of y.
 $y^2 = 10^2 - 2^2$
 $y = \pm\sqrt{96}$
- 11) x value of 4 and y value of 3. Find the radius.
 $r^2 = 4^2 + 3^2$
 $r = \pm\sqrt{25}$
- 12) x value of 3 and y value of 3. Find the radius.
 $r^2 = 3^2 + 3^2$
 $r = \pm\sqrt{18}$
- 13) y value of 5 and x value of 4.90. Find the radius.
 $x^2 = 7^2 - 5^2$
 $x = \pm\sqrt{24}$

Answers1. **± 5.39** 2. **± 3.61** 3. **± 5.66** 4. **± 5.66** 5. **± 5.39** 6. **± 5.83** 7. **± 7.42** 8. **± 9.80** 9. **± 3.32** 10. **± 9.80** 11. **± 5.00** 12. **± 4.24** 13. **± 4.90**



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Answers

1) x value of 2 and y value of 5. Find the radius.

1. _____

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

2. _____

3) y value of 2 and x value of 5.66. Find the radius.

3. _____

4. _____

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

5. _____

6. _____

5) x value of 5 and y value of 2. Find the radius.

7. _____

8. _____

6) x value of 3 and y value of 5. Find the radius.

9. _____

10. _____

7) y value of 3 and x value of 7.42. Find the radius.

11. _____

12. _____

8) x value of 2 and radius of 10. Find the value of y.

13. _____