



Solve each problem. Round to two decimal places.

Answers

- 1) x value of 5 and y value of 3. Find the radius.
- 2) y value of 3 and x value of 6.32. Find the radius.
- 3) y value of 4 and x value of 5.74. Find the radius.
- 4) x value of 2 and y value of 3. Find the radius.
- 5) x value of 5 and radius of 6. Find the value of y.
- 6) x value of 2 and y value of 2. Find the radius.
- 7) x value of 2 and y value of 5. Find the radius.
- 8) x value of 4 and radius of 7. Find the value of y.
- 9) x value of 5 and radius of 7. Find the value of y.
- 10) y value of 2 and x value of 8.77. Find the radius.
- 11) x value of 2 and radius of 6. Find the value of y.
- 12) y value of 2 and x value of 8.77. Find the radius.
- 13) y value of 5 and x value of 3.32. Find the radius.

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



Solve each problem. Round to two decimal places.

Answers

- 1) x value of 5 and y value of 3. Find the radius.
 $r^2 = 5^2 + 3^2$
 $r = \pm\sqrt{34}$
- 2) y value of 3 and x value of 6.32. Find the radius.
 $x^2 = 7^2 - 3^2$
 $x = \pm\sqrt{40}$
- 3) y value of 4 and x value of 5.74. Find the radius.
 $x^2 = 7^2 - 4^2$
 $x = \pm\sqrt{33}$
- 4) x value of 2 and y value of 3. Find the radius.
 $r^2 = 2^2 + 3^2$
 $r = \pm\sqrt{13}$
- 5) x value of 5 and radius of 6. Find the value of y.
 $y^2 = 6^2 - 5^2$
 $y = \pm\sqrt{11}$
- 6) x value of 2 and y value of 2. Find the radius.
 $r^2 = 2^2 + 2^2$
 $r = \pm\sqrt{8}$
- 7) x value of 2 and y value of 5. Find the radius.
 $r^2 = 2^2 + 5^2$
 $r = \pm\sqrt{29}$
- 8) x value of 4 and radius of 7. Find the value of y.
 $y^2 = 7^2 - 4^2$
 $y = \pm\sqrt{33}$
- 9) x value of 5 and radius of 7. Find the value of y.
 $y^2 = 7^2 - 5^2$
 $y = \pm\sqrt{24}$
- 10) y value of 2 and x value of 8.77. Find the radius.
 $x^2 = 9^2 - 2^2$
 $x = \pm\sqrt{77}$
- 11) x value of 2 and radius of 6. Find the value of y.
 $y^2 = 6^2 - 2^2$
 $y = \pm\sqrt{32}$
- 12) y value of 2 and x value of 8.77. Find the radius.
 $x^2 = 9^2 - 2^2$
 $x = \pm\sqrt{77}$
- 13) y value of 5 and x value of 3.32. Find the radius.
 $x^2 = 6^2 - 5^2$
 $x = \pm\sqrt{11}$

1. ± 5.83

2. ± 6.32

3. ± 5.74

4. ± 3.61

5. ± 3.32

6. ± 2.83

7. ± 5.39

8. ± 5.74

9. ± 4.90

10. ± 8.77

11. ± 5.66

12. ± 8.77

13. ± 3.32



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Answers

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

1. _____

2) y value of 3 and x value of 6.32. Find the radius.

2. _____

3) y value of 4 and x value of 5.74. Find the radius.

3. _____

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

4. _____

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

5. _____

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

6. _____

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

7. _____

8) x value of 4 and radius of 7. Find the value of y.

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____