



Solve each problem. Round to two decimal places.

Answers

- 1) x value of 3 and y value of 2. Find the radius.
- 2) x value of 4 and y value of 3. Find the radius.
- 3) x value of 2 and y value of 5. Find the radius.
- 4) y value of 5 and x value of 7.48. Find the radius.
- 5) x value of 2 and y value of 3. Find the radius.
- 6) y value of 5 and x value of 7.48. Find the radius.
- 7) x value of 3 and y value of 4. Find the radius.
- 8) x value of 4 and y value of 4. Find the radius.
- 9) x value of 4 and radius of 9. Find the value of y.
- 10) x value of 4 and radius of 8. Find the value of y.
- 11) y value of 2 and x value of 6.71. Find the radius.
- 12) x value of 2 and radius of 9. Find the value of y.
- 13) x value of 4 and y value of 5. 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 3 and y value of 2. Find the radius.
 $r^2 = 3^2 + 2^2$
 $r = \pm\sqrt{13}$
- 2) x value of 4 and y value of 3. Find the radius.
 $r^2 = 4^2 + 3^2$
 $r = \pm\sqrt{25}$
- 3) x value of 2 and y value of 5. Find the radius.
 $r^2 = 2^2 + 5^2$
 $r = \pm\sqrt{29}$
- 4) y value of 5 and x value of 7.48. Find the radius.
 $x^2 = 9^2 - 5^2$
 $x = \pm\sqrt{56}$
- 5) x value of 2 and y value of 3. Find the radius.
 $r^2 = 2^2 + 3^2$
 $r = \pm\sqrt{13}$
- 6) y value of 5 and x value of 7.48. Find the radius.
 $x^2 = 9^2 - 5^2$
 $x = \pm\sqrt{56}$
- 7) x value of 3 and y value of 4. Find the radius.
 $r^2 = 3^2 + 4^2$
 $r = \pm\sqrt{25}$
- 8) x value of 4 and y value of 4. Find the radius.
 $r^2 = 4^2 + 4^2$
 $r = \pm\sqrt{32}$
- 9) x value of 4 and radius of 9. Find the value of y.
 $y^2 = 9^2 - 4^2$
 $y = \pm\sqrt{65}$
- 10) x value of 4 and radius of 8. Find the value of y.
 $y^2 = 8^2 - 4^2$
 $y = \pm\sqrt{48}$
- 11) y value of 2 and x value of 6.71. Find the radius.
 $x^2 = 7^2 - 2^2$
 $x = \pm\sqrt{45}$
- 12) x value of 2 and radius of 9. Find the value of y.
 $y^2 = 9^2 - 2^2$
 $y = \pm\sqrt{77}$
- 13) x value of 4 and y value of 5. Find the radius.
 $r^2 = 4^2 + 5^2$
 $r = \pm\sqrt{41}$

Answers

1. ±3.61
2. ±5.00
3. ±5.39
4. ±7.48
5. ±3.61
6. ±7.48
7. ±5.00
8. ±5.66
9. ±8.06
10. ±6.93
11. ±6.71
12. ±8.77
13. ±6.40