Solve each problem. Round to two decimal places.

1) y value of 2 and radius of 9. Find the value of x.

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

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

4) x value of 5 and radius of 9. Find the value of y.

5) x value of 4 and radius of 10. Find the value of y.

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

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

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

9) x value of 4 and radius of 10. Find the value of y.

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

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

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

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

14) x value of 5 and y value of 4. Find the radius.

15) y value of 3 and radius of 9. Find the value of x.

1. ________
2. ________
3. ________
4. ________
5. ________
6. ________
7. ________
8. ________
9. ________
10. ________
11. ________
12. ________
13. ________
14. ________
15. ________
Solve each problem. Round to two decimal places.

1) y value of 2 and radius of 9. Find the value of x.
\[ x^2 = 9^2 - 2^2 \]
\[ x = \pm\sqrt{77} \]

2) x value of 3 and y value of 3. Find the radius.
\[ r^2 = 3^2 + 3^2 \]
\[ r = \pm\sqrt{6} \]

3) x value of 2 and radius of 8. Find the value of y.
\[ y^2 = 8^2 - 2^2 \]
\[ y = \pm\sqrt{60} \]

4) x value of 5 and radius of 9. Find the value of y.
\[ y^2 = 9^2 - 5^2 \]
\[ y = \pm\sqrt{56} \]

5) x value of 4 and radius of 10. Find the value of y.
\[ y^2 = 10^2 - 4^2 \]
\[ y = \pm\sqrt{84} \]

6) y value of 2 and radius of 10. Find the value of x.
\[ x^2 = 10^2 - 2^2 \]
\[ x = \pm\sqrt{96} \]

7) x value of 5 and radius of 7. Find the value of y.
\[ y^2 = 7^2 - 5^2 \]
\[ y = \pm\sqrt{24} \]

8) x value of 2 and y value of 3. Find the radius.
\[ r^2 = 2^2 + 3^2 \]
\[ r = \pm\sqrt{13} \]

9) x value of 4 and radius of 10. Find the value of y.
\[ y^2 = 10^2 - 4^2 \]
\[ y = \pm\sqrt{84} \]

10) y value of 3 and radius of 6. Find the value of x.
\[ x^2 = 6^2 - 3^2 \]
\[ x = \pm\sqrt{27} \]

11) y value of 5 and radius of 6. Find the value of x.
\[ x^2 = 6^2 - 5^2 \]
\[ x = \pm\sqrt{11} \]

12) x value of 5 and y value of 3. Find the radius.
\[ r^2 = 5^2 + 3^2 \]
\[ r = \pm\sqrt{34} \]

13) x value of 4 and y value of 4. Find the radius.
\[ r^2 = 4^2 + 4^2 \]
\[ r = \pm\sqrt{32} \]

14) x value of 5 and y value of 4. Find the radius.
\[ r^2 = 5^2 + 4^2 \]
\[ r = \pm\sqrt{41} \]

15) y value of 3 and radius of 9. Find the value of x.