

Name: _____

Date _____

Topic : Circles - Write the standard form of the equation of the circle with the given radius and center - Worksheet 1

Write the equation of circle in standard form:

1. $C(2, 2); r = 11$

2. $C(0, 12); r = 4\sqrt{3}$

3. $C(1, -1); r = 3\sqrt{33}$

4. $C(-10, -16); r = 2$

5. $C(12, 3); r = 7/4$

6. $C(-15, -11); r = 2\sqrt{3}$

7. $C(-12, -14); r = 2$

8. $C(5, 0); r = 5$

9. $C(9, 7); r = 7$

10. $C(3, 11); r = 4/5$



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Topic : Circles - Write the standard form of the equation of the circle with the given radius and center - Worksheet 2

Write the equation of circle in standard form:

1. $C(-16, 4); r = 1$

2. $C(14, -12); r = \sqrt{3}$

3. $C(0, -5); r = \sqrt{185}$

4. $C(0, 13); r = 7$

5. $C(-6, -12); r = 3/4$

6. $C(13, -2); r = 5$

7. $C(2, -12); r = 2$

8. $C(7, 0); r = 7$

9. $C(-3, 8); r = 4$

10. $C(6, -2); r = 12/13$



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Topic : Circles - Write the standard form of the equation of the circle with the given radius and center - Worksheet 3

Write the equation of circle in standard form:

1. $C(-14, 3); r = 5$

2. $C(12, -10); r = \sqrt{7}$

3. $C(0, -3); r = \sqrt{135}$

4. $C(0, 15); r = 9$

5. $C(-8, -14); r = 6/7$

6. $C(14, -4); r = 8$

7. $C(4, -14); r = 4$

8. $C(9, 0); r = 9$

9. $C(-5, 9); r = 8$

10. $C(4, -6); r = 11/13$



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Topic : Circles - Write the standard form of the equation of the circle with the given radius and center - Worksheet 4

Write the equation of circle in standard form:

1. $C(-13, 6); r = 5$

2. $C(12, -8); r = \sqrt{6}$

3. $C(2, -5); r = \sqrt{113}$

4. $C(3, 17); r = 7$

5. $C(-9, -13); r = 6/5$

6. $C(11, -2); r = 5$

7. $C(4, -12); r = 3$

8. $C(6, 0); r = 6$

9. $C(-5, 8); r = 9$

10. $C(4, -7); r = 8/9$



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Topic : Circles - Write the standard form of the equation of the circle with the given radius and center - Worksheet 5

Write the equation of circle in standard form:

1. $C(-17, 5); r = 7$

2. $C(11, -9); r = \sqrt{5}$

3. $C(1, -4); r = \sqrt{128}$

4. $C(2, 16); r = 8$

5. $C(-7, -11); r = 5/7$

6. $C(13, -3); r = 7$

7. $C(5, -16); r = 6$

8. $C(8, 0); r = 8$

9. $C(-4, 7); r = 6$

10. $C(7, -9); r = 9/11$

