

Math C

9.1 Solve a Quadratic (part 2)

Solve.

1.  $-y^2 + 225 = 0$

2.  $k^2 - 121 = 0$

3.  $0 = 3y^2 - 48$

4.  $7 = 7w^2$

5.  $-36 = c^2$

6.  $0 = -18 - w^2$

7.  $\frac{100}{81} = k^2$

8.  $0 = u^2 - \frac{25}{49}$

9.  $\frac{1}{6}x^2 = \frac{24}{25}$

10.  $\frac{48}{49} = 3a^2$

**Answer List**

- |                       |                       |
|-----------------------|-----------------------|
| 1. $\pm 15$           | 2. $\pm 11$           |
| 3. $\pm 4$            | 4. $\pm 1$            |
| 5. $\emptyset$        | 6. $\emptyset$        |
| 7. $\pm \frac{10}{9}$ | 8. $\pm \frac{5}{7}$  |
| 9. $\pm \frac{12}{5}$ | 10. $\pm \frac{4}{7}$ |

**Catalog List**

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|--------------|---------------|--------------|--------------|
| 1. ALG NB 6  | 2. ALG NB 8   | 3. ALG NB 10 | 4. ALG NB 12 |
| 5. ALG NB 14 | 6. ALG NB 16  | 7. ALG NB 18 | 8. ALG NB 20 |
| 9. ALG NB 26 | 10. ALG NB 28 |              |              |