

**Solving Quadratic Equations by Factoring & Using Square Roots WS 1  
Answers**

1.  $\left\{0, \frac{7}{3}\right\}$

2.  $\{\pm 4\}$

3.  $\{-4 \pm \sqrt{5}\}$

4.  $\{-5, -3\}$

5.  $\{-4, 6\}$

6.  $\left\{\frac{4}{9}, 7\right\}$

7.  $\left\{-\frac{1}{2}, 3\right\}$

8.  $\{-6 \pm 2\sqrt{10}\}$

9.  $\{-5, -1\}$

10.  $\{\pm 3\sqrt{2}\}$

11.  $\left\{\frac{3}{2}\right\}$

12.  $\left\{-4, \frac{3}{2}\right\}$

13.  $\left\{\pm \frac{1}{2}\right\}$

14.  $\left\{\pm \frac{3}{4}\right\}$

15.  $\left\{-\frac{3}{5}, \frac{1}{2}\right\}$

16.  $\{0, 7\}$

17.  $\{3, 4\}$

18.  $\left\{2, \frac{4}{5}\right\}$

**Solving Quadratic Equations by Factoring & Using Square Roots WS 2  
Answers**

1.  $\left\{0, \frac{1}{2}\right\}$

2.  $\left\{\pm \frac{4}{9}\right\}$

3.  $\{-1 \pm \sqrt{3}\}$

4.  $\left\{\frac{7}{2}, \frac{1}{3}\right\}$

5.  $\{3 \pm 2\sqrt{5}\}$

6.  $\left\{\frac{4}{9}, 7\right\}$

7.  $\{\pm 2\}$

8.  $\{0, 7\}$

9.  $\left\{\frac{3}{2}, -4\right\}$

10.  $\{0, 1\}$

11.  $\left\{\pm \frac{\sqrt{5}}{4}\right\}$

12.  $\left\{\pm \sqrt{5}, \frac{1}{2}\right\}$