

Worksheet Writing Quadratic Equations Given the Solutions

(5ws6H)

Write a quadratic equation in standard form for the given solutions.

1) $\{4, -3\}$

2) $\{\pm 6\}$

3) $\left\{\frac{2}{3}, \frac{1}{2}\right\}$

4) $\{-12, -5\}$

5) $\{\pm\sqrt{5}\}$

6) $\{0, 7\}$

7) $\{8\}$

8) $\{2 \pm \sqrt{7}\}$

9) $\{-6 \pm 2\sqrt{5}\}$

10) $\left\{\frac{3 \pm \sqrt{2}}{2}\right\}$

11) $\{-8 \pm 3i\}$

12) $\left\{\frac{4 \pm \sqrt{13}}{2}\right\}$