

Answers to Classwork – Quadratic Equations

1. $\left\{\frac{1}{4}, 0\right\}$

8. $\{2 \pm \sqrt{2}\}$

2. $\{-2, 2\}$

9. $\{-6, -2\}$

3. $\{1, 4\}$

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

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

11. $\left\{\frac{-2 \pm \sqrt{3}}{2}\right\}$ or $\left\{-1 \pm \frac{\sqrt{3}}{2}\right\}$

5. $\left\{\pm \frac{3\sqrt{5}}{5}\right\}$

12. $\{-4 \pm i\}$

6. $\{-2, 1\}$

13. $\{3 \pm i\sqrt{5}\}$

7. $\left\{-\frac{1}{3} \pm i\right\}$ or $\left\{\frac{-1 \pm 3i}{3}\right\}$

14. $\left\{0, -\frac{7}{2}\right\}$