

## Quadratic Formula - Key

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In problems 1-8, solve each equation using the quadratic formula

1. $x = -3,8$	2. $x = \frac{2}{9}, \frac{-1}{2}$
3. $x = \frac{6 \pm \sqrt{30}}{6}$	4. $x = \frac{-3 \pm \sqrt{5}}{2}$
5. $x = 1 \pm 2\sqrt{2}$	6. $x = \frac{1}{2} \pm \frac{\sqrt{31}}{2}i$
7. $x = \frac{1}{5} \pm \frac{2\sqrt{6}}{5}i$	8. $x = \frac{1}{3} \pm \frac{2\sqrt{2}}{3}i$