

$$4. \quad 3x^2 + 9x - 2$$

$$a = 3 \quad b = 9 \quad c = -2$$

$$x = \frac{-9 \pm \sqrt{(9)^2 - 4(3)(-2)}}{2(3)}$$

$$x = \frac{-9 \pm \sqrt{81 + 24}}{6}$$

$$x = \frac{-9 \pm \sqrt{105}}{6}$$

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$$5. \quad 5x^2 - 2x + 4$$

$$a = 5 \quad b = -2 \quad c = 4$$

$$x = \frac{-(-2) \pm \sqrt{(-2)^2 - 4(5)(4)}}{2(5)}$$

$$x = \frac{2 \pm \sqrt{4 - 80}}{10}$$

$$x = \frac{2 \pm \sqrt{-76}}{10}$$

$$x = \frac{2 \pm i\sqrt{76}}{10}$$

$$x = \frac{2 \pm 2i\sqrt{19}}{10}$$

$$x = \frac{1 \pm i\sqrt{19}}{5}$$