

Find the x-intercepts.

$$x^2 + 0.5x - 1.5 = 0$$

$$a = 1, b = 0.5, c = -1.5$$

$$X = \frac{-0.5 \pm \sqrt{(0.5)^2 - 4(1)(-1.5)}}{2(1)}$$

$$= \frac{-0.5 \pm \sqrt{0.25 + 6}}{2} = \frac{-0.5 \pm \sqrt{6.25}}{2}$$

$$X = \frac{-0.5 + \sqrt{6.25}}{2} \quad X = \frac{-0.5 - \sqrt{6.25}}{2}$$

$$\textcircled{X = -1} \quad \text{AND} \quad \textcircled{X = -1.5}$$

Homework Questions?

56 | ~~y~~ = -2x² + 6x + 9

$$a = -2, b = 6, c = 9$$

$$X = \frac{-6 \pm \sqrt{6^2 - 4(-2)(9)}}{2(-2)}$$

$$= \frac{-6 \pm \sqrt{36 + 72}}{-4}$$

Review

9.5 Cont.

p.537 #62-70 & p.529 #18-20
(solve, but do not have to describe method)

& The Quadratic Formula wkst

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Yearbook Pictures

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