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Key Terms

<u>Quadratic Equation</u>: An equation that can be written in the standard form $ax^2 + bx + c = 0$. Where a, b and c are real numbers and a does not equal 0.

$$ex: 3x^2 + 5x - 12 = 0$$

<u>Quadratic Function</u>: Any function that can be written in the form $y = ax^2 + bx + c$. Where a, b and c are real numbers and a does not equal 0.

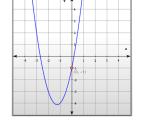
$$ex: y = -2x^2 + 10x + 7$$

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Key Terms

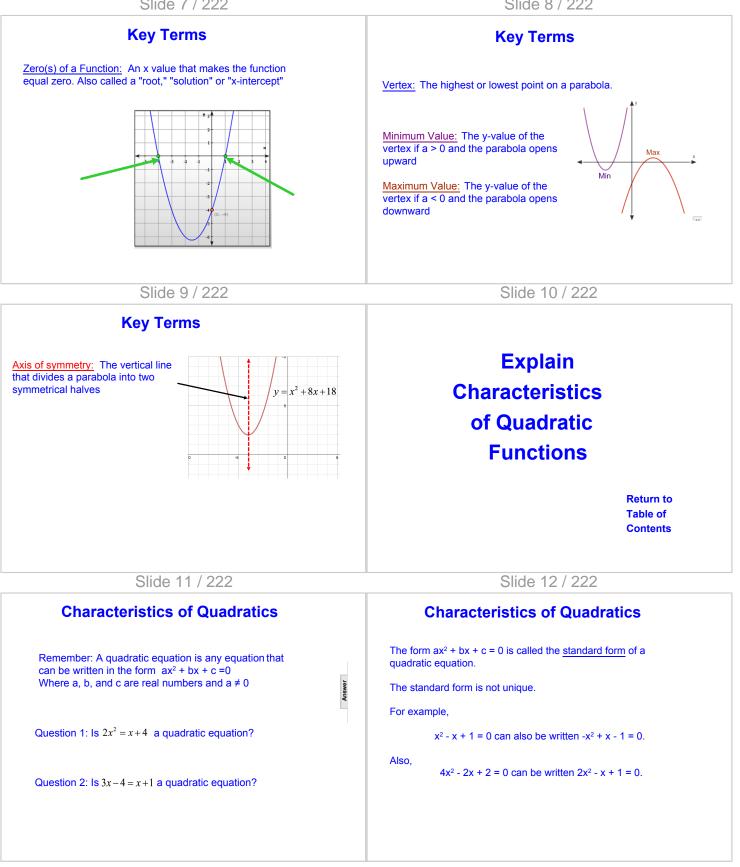
Parabola: The curve result of graphing a quadratic equation

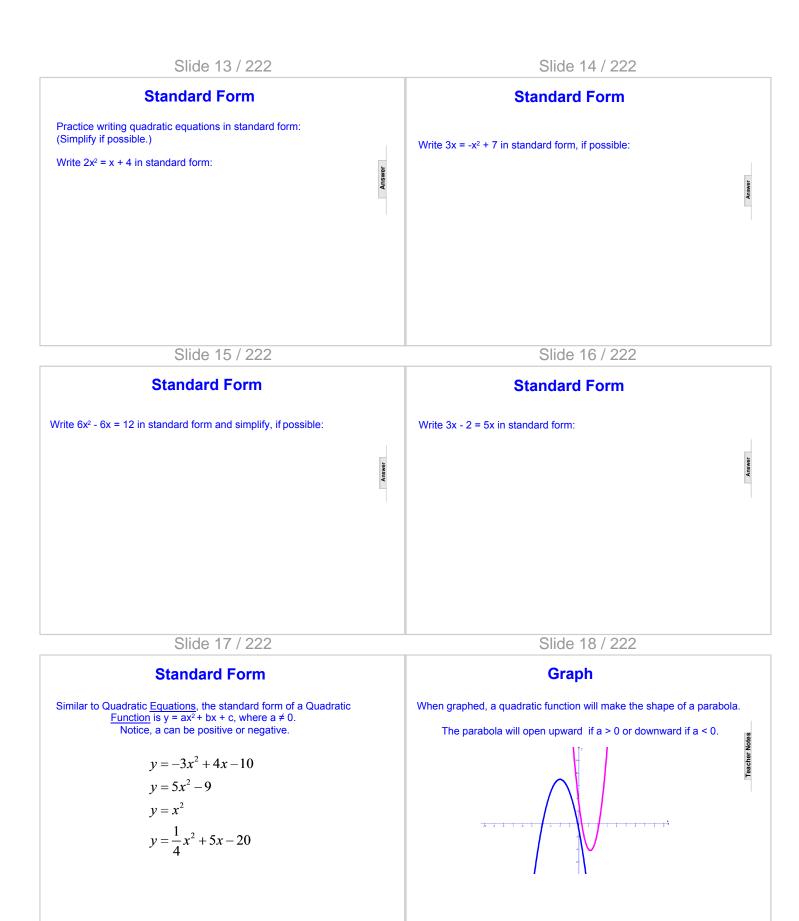
$$y = 2x^2 + 5x - 1$$



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