Mathematics
Algebra I
4th Nine Weeks

This academic overview can be used to monitor and support your child's at-home learning progress

Unit 6: Quadratics

Student Learning Targets
- I can determine the domain and range of a quadratic function.
- I can construct a graph of a quadratic function on a coordinate plane.
- I can solve quadratic equations by taking square roots.
- I can solve quadratic equations by factoring.
- I can solve quadratic equations by completing the square.
- I can solve quadratic equations by applying the quadratic formula.
- I can factor a quadratic expression.

Questions to Check for Unit Understanding
- How can you determine the domain and range of a quadratic function?
- What are some key features of a graph of a quadratic function?
- How do you solve a quadratic equation by taking square roots?
- How do you solve a quadratic equation using the quadratic formula?

Unit 7: Exponentials

Student Learning Targets
- I can graph exponential functions that model growth and decay.
- I can identify key features of the graph of an exponential function.

Questions to Check for Unit Understanding
- How can you determine if a situations should be modeled with exponential growth or decay?
- What are some key features of a graph of an exponential function?

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