

Algebra 1 Unit 5: Comparing and Contrasting Functions

Must Do:

Complete the Unit 5 Sample Questions and check your answers. Mark the topics in which you will need more practice.

_____ 5.1 Construct and Compare Linear, Quadratic, and Exponential Models and Solve Problems
_____ out of 6 correct

_____ 5.2 Interpret Expressions for Functions in Terms of the Situation They Model _____ out of 2 correct

_____ 5.3 Build New Functions from Existing Functions _____ out of 2 correct

_____ 5.4 Understand the Concept of a Function and Use Function Notation _____ out of 3 correct

_____ 5.5 Interpret Functions That Arise in Applications in Terms of the Context _____ out of 2 Correct

Helpful Resources per Topic:

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|-----------------------|---|
| On Your Formula Sheet | Linear Equations (standard, point slope, slope intercept form), Quadratic Equations (standard and vertex form), and Exponential Equations |
| Linear Equations | <ol style="list-style-type: none">1. Khan Academy: Linear Equations2. USA Test Prep Standards Functions 83. Practice Worksheets https://www.kutasoftware.com/free.html |
| Quadratic Equations | <ol style="list-style-type: none">1. Khan Academy: Quadratics2. USA Test Prep Standards Expressions 7, 83. Practice Worksheets https://www.kutasoftware.com/free.html |
| Exponential Equations | <ol style="list-style-type: none">1. Khan Academy: Exponentials2. USA Test Prep Standards Functions 9 |
| Comparing Functions | <ol style="list-style-type: none">1. Quizizz Collection: https://quizizz.com/collection/5c77ef4d09466e001cac72062. Khan Academy: Functions3. USA Test Prep Standards Functions 11, 15, 16, 19 |