

ALGEBRA I END OF COURSE STUDY GUIDE

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Slope $y = mx + b$
m is the slope
b is the y-axis intercept

Find Slope given a table:



Find Slope given a graph:



Linear Functions:

Possible representations

Save \$100 per week	100/week
Silly string cost \$5.00 per can	5.00/can
Charged \$4.00 every minute	4.00/minute
Earbuds \$15.00 per hour	15.00/hour
Car rental costs \$30.00 plus \$15.00 per day	30.00/day + 15.00/day
Represented 1/2 mile per hour on a road	1/2 mi/hr
One person every 4 minutes, 10 = hours	10/4 hr
Earns 2.5% commission on sales	2.5%/sale

Quadratics: Parabolic function $y = ax^2 + bx + c$



Exponent Basics: $x^a \cdot x^b = x^{a+b}$, $x^a \div x^b = x^{a-b}$, $(x^a)^b = x^{a \cdot b}$

Add Exponents & multiply numbers

$$x \cdot x = x^2$$

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Algebra Study Guide Key

Nick L. Johnson

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

Algebra Study Guide Key:

CLEP College Algebra Study Guide 2020 - 2021 Reza Nazari, 2020-07-02 A Perfect book to help you prepare for the CLEP College Algebra Test CLEP College Algebra Study Guide which reflects the 2020 2021 test guidelines is designed by top College Algebra instructors and test prep experts to help test takers succeed on the CLEP College Algebra Test The updated version of this comprehensive CLEP College Algebra preparation book includes Math lessons extensive exercises sample College Algebra questions and quizzes with answers and detailed solutions to help you hone your math skills overcome your exam anxiety boost your confidence and do your best to ace the CLEP College Algebra exam on test day Upon completion of this perfect CLEP College Algebra prep book you will have a solid foundation and sufficient practice to ace the CLEP College Algebra test Not only does this all inclusive prep book offer everything you will ever need to prepare for the CLEP College Algebra test but it also contains two complete and realistic CLEP College Algebra tests that reflect the format and question types on the CLEP College Algebra to help you check your exam readiness and identify where you need more practice CLEP College Algebra Study Guide contains many exciting and unique features to help you prepare for the CLEP College Algebra test including Content 100% aligned with the 2020 CLEP College Algebra test Written by CLEP College Algebra instructors and test experts Complete coverage of all CLEP College Algebra concepts and topics which you will be tested Step by step guide for all CLEP College Algebra topics Abundant Math skill building exercises to help test takers approach different question types that might be unfamiliar to them Exercises on different College Algebra topics such as integers percent equations polynomials exponents and radicals 2 full length practice tests featuring new question types with detailed answers This CLEP College Algebra prep book and other Effortless Math Education books are used by thousands of students each year to help them review core content areas brush up in math discover their strengths and weaknesses and achieve their best scores on the CLEP College Algebra test Ideal for self study and classroom usage Visit www.EffortlessMath.com for Online Math Practice

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