

Focus Form

Problem type:	Missed questions	Strategies
HEART OF ALGEBRA		
Solving linear equations and linear inequalities		Get all components on one side, simplify, solve
Interpreting linear functions		Recognize formula, rearrange, compare
Linear equation word problems		Take one part at a time, compare answers as you go
Linear inequality word problems		Look at the language, eliminate answers, write out
Graphing linear equations		positive or negative slope, eliminate, PITA, compare
Linear function word problems		Find the important letters first, match to words, solve
Systems of linear inequalities word problems		Look for key phrases, write problem, eliminate answers
Solving systems of linear equations		Get all components one side, simplify, substitute, solve
Systems of linear equations word problems		Create two linear equations, simplify to 1 like term, solve
PASSPORT OF ADVANCED MATHEMATICS		
Solving quadratic equations		Denominator=whole number, factor, simplify
Interpreting nonlinear expressions		PITA, memorize the role of each part of the equation
Quadratic and exponential word problems		Read carefully, write the problem out 1 step at a time
Manipulating quadratic and exponential expressions		Apply appropriate formula, eliminate, simplify
Radicals and rational exponents		Familiarize with rules, reduce, combine like terms, simplify
Radicals and rational equations		Square both sides, standard format, simplify, check
Operations with rational expressions		Factor, find the Least common denominator, simplify
Operations with polynomials		Common denom., factor out, add like terms
Polynomial Factors and graphs		Find the coordinates before you look at answers, PITA
Nonlinear Equation graphs		Find the form of the function, find the coordinates, match
Linear and quadratic systems		Substitute, reduce, factor, solve
Structure in expressions		Plug in formula, simplify, compare answers as your going
Isolating quantities		Take one step at a time, divide, subtract, add to simplify
Function notation		Make sure you are substituting correctly, simplify
PROBLEM SOLVING AND DATA ANALYSIS		
Ratios, Rates, and proportions		Find the ratio, create a fraction, convert, find the solution
Percents		Solve one percent before moving on to the next
Units		Write out units, make sure they cancel, multiply
table data		Established compared terms, make into fraction, solve
Scatterplots		read question, find coordinates, plug in
Key features of graphs		Read carefully, compare answers, check twice, guesstimate
Linear and exponential growth		Plug in the answers, compare
Data inferences		Mentally graph confidence, compare info, reduce, solve
Center, spread, and shape of distributions		Carefully read numbers on graph, write out fully, use calc
Data collection and conclusions		Read answers first, eliminate as you go
ADDITIONAL TOPICS IN MATH		
Volume word problems		Write out formula, substitute into equation, simplify
Right triangle word problems		Draw out, find components, one step at a time, simplify
Congruence and similarity		Read question, take one step at a time
Right triangle trigonometry		Use pathagoreon theorem, or sin, cos, tan
Angles, arc lengths, and trig functions		Recognize necessary formula, plug in, simplify
Circle theorems		Apply pythagorean theorem
Circle equations		Write down formula, plug in coord, PITA
Complex Numbers		Multiply, plug in, simplify, compare

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READING		
Reading: Science		*See subcategories and general strategies
Reading: Literature		*See subcategories and general strategies
Reading: History		*See subcategories and general strategies
Reading: Social Science		*See subcategories and general strategies
Writing: Argument		*See subcategories and general strategies
Writing: Informative		*See subcategories and general strategies
Writing: Narrative		*See subcategories and general strategies
WRITING		
Effective language use: Precision and concision		Plug in the answers, read only whats necessary
Effective language use: Style and tone		Understand the question, plug in the answers
Effective language use: Syntax		Skip reading original, start with shortest answer
Grammar: End-of-sentence punctuation		correctly use: . ? !, Watch out for pronoun clarity
Grammar: Within-sentence punctuation		Know the correct use of ; : -
Grammar: Sentence boundaries		Know the correct use of ; : -
Grammar: Subordination and coordination		cover up underlined portion, what sounds natural? PITA
Grammar: Parallel structure		Find action verbs, compare to answer, PITA, sound out
Grammar: Modifier placement		Find the adjective and noun, rearrange
Grammar: Shifts in verb, tense, and mood		Look at the tense of the sentence, PITA, read aloud
Grammar: Pronoun clarity		Find the 2 subjects, choose a precise/appropriate answer
Grammar: Pronoun agreement		Actively look for the subject, match the tenses
Grammar: Possessive determiners		Only read the necessary part, read out loud, match tense
Grammar: Subject-verb agreement		Read out loud to see what sounds right, compare tenses
Grammar: Noun agreement		Underlined noun must equal the tense of the subject(s)
Grammar: Frequently confused words		Practice (Common: accept/except, ensure/insure, etc)
Grammar: Conventional expression		Plug in the answer, read out loud
Grammar: Logical comparison		Determine terms that are being compared, PITA
Grammar: Possessive nouns and pronouns		Find nouns and pronouns, apply ' rules, PITA, sound out
Grammar: Items in a series		Know how and when to use a comma
Grammar: Nonessential and parenthetical elements		Understand the correct use of: , ; : () -

Reading Score:	___ of 52	Percentage: ___
Writing Score:	___ of 44	Percentage: ___
Math No-Calculator Score:	___ of 20	Percentage: ___
Math Calculator OK score:	___ of 38	Percentage: ___

I performed the worst in which area: _____.