

SPRING 2009

MAT 013A VERSION E – Total 25 students

# wrong responses	% of wrong resp.	Question #	Section-Objective
16	16/25 = 64%	30	7.3 Square a binomial
13	13/25 = 52%	17	3.2 Solve linear equation in one variable
12	12/25 = 48%	13	2.3 Translate sentences into variable expressions
12	12/25 = 48%	23	9.6 Solve literal eq. for one of the variables
12	12/25 = 48%	25	7.1 Subtract polynomials
12	12/25 = 48%	35	7.5 Divide a polynomial by a monomial
11	11/25 = 44%	33	7.4 Simplify expressions with exponents
10	10/25 = 40%	15	3.1 Solve applications with percent
9	9/25 = 36%	28	7.3 Multiply a polynomial by a monomial
9	9/25 = 36%	32	7.3 Find area of rectangle given expr. for length and width
8	8/25 = 32%	18	3.2 Solve an application with linear equation
7	7/25 = 28%	6	1.2 Solve applications that use subtraction of signed numbers
7	7/25 = 28%	14	3.1 Solve equation of the form $ax = b$
7	7/25 = 28%	24	7.1 Add polynomials
7	7/25 = 28%	26	7.2 Multiply monomials
6	6/25 = 24%	9	2.1 Evaluate variable expression
5	5/25 = 20%	2	1.1 Evaluate absolute value of a real number
5	5/25 = 20%	7	1.4 Apply order of operations
5	5/25 = 20%	8	1.4 Apply the order of operations w/ fractions
5	5/25 = 20%	10	2.2 Simplify expressions by combining like terms
5	5/25 = 20%	21	4.2 Solve applications with coins
5	5/25 = 20%	22	4.3 Analyze polygon for lengths of sides
5	5/25 = 20%	29	7.3 Multiply two binomials that have special product
5	5/25 = 20%	34	7.4 Write a number in scientific notation
4	4/25 = 16%	27	7.2 Simplify powers of monomials
4	4/25 = 16%	31	7.3 Multiply two binomials that have special product
2	2/25 = 8%	1	1.1 Compare elements of a set to a given number
2	2/25 = 8%	3	1.2 Solve applications that use operations with integers
2	2/25 = 8%	5	1.4 Apply order of operations w/ multiple parentheses
2	2/25 = 8%	11	2.2 Simplify expressions using distributive property
2	2/25 = 8%	12	2.3 Translate sentences into variable expressions
2	2/25 = 8%	16	3.2 Solve linear equation in one variable
2	2/25 = 8%	20	4.2 Solve consecutive integer problems
1	1/25 = 4%	4	1.4 Apply the order of operations with signed numbers
0	0/25 = 0%	19	4.1 Translate sentences into an equation and solve