

SPRING 2009

MAT 013A VERSION D2 – Total 30 students

# wrong responses	% of wrong resp.	Question #	Section-Objective
22	22/30 = 73.3%	22	4.3 Analyze polygon for lengths of sides
17	17/30 = 56.7%	5	1.4 Apply order of operations w/ multiple parentheses
16	16/30 = 53.3%	8	1.4 Apply the order of operations w/ fractions
16	16/30 = 53.3%	23	9.6 Sole literal eq. for one of the variables
15	15/30 = 50%	6	1.2 Solve applications that use subtraction of signed numbers
15	15/30 = 50%	30	7.3 Square a binomial
13	13/30 = 43.3%	13	2.3 Translate sentences into variable expressions
13	13/30 = 43.3%	15	3.1 Solve applications with percent
13	13/30 = 43.3%	25	7.1 Subtract polynomials
12	12/30 = 40%	21	4.2 Solve applications with coins
12	12/30 = 40%	35	7.5 Divide a polynomial by a monomial
11	11/30 = 36.7%	18	3.2 Solve an application with linear equation
11	11/30 = 36.7%	28	7.3 Multiply a polynomial by a monomial
11	11/30 = 36.7%	33	7.4 Simplify expressions with exponents
10	10/30 = 33.3%	1	1.1 Compare elements of a set to a given number
10	10/30 = 33.3%	17	3.2 Solve linear equation in one variable
9	9/30 = 30%	7	1.4 Apply order of operations
9	9/30 = 30%	32	7.3 Find area of rectangle given expr. for length and width
8	8/30 = 26.7%	14	3.1 Solve equation of the form $ax = b$
8	8/30 = 26.7%	31	7.3 Multiply two binomials that have special product
7	7/30 = 23.3%	9	2.1 Evaluate variable expression
7	7/30 = 23.3%	24	7.1 Add polynomials
6	6/30 = 20%	20	4.2 Solve consecutive integer problems
5	5/30 = 16.7%	4	1.4 Apply the order of operations with signed numbers
5	5/30 = 16.7%	26	7.2 Multiply monomials
5	5/30 = 16.7%	27	7.2 Simplify powers of monomials
4	4/30 = 13.3%	11	2.2 Simplify expressions using distributive property
4	4/30 = 13.3%	34	7.4 Write a number in scientific notation
3	3/30 = 10%	2	1.1 Evaluate absolute value of a real number
3	3/30 = 10%	16	3.2 Solve linear equation in one variable
3	3/30 = 10%	29	7.3 Multiply two binomials that have special product
2	2/30 = 6.7%	12	2.3 Translate sentences into variable expressions
1	1/30 = 3.3%	10	2.2 Simplify expressions by combining like terms
1	1/30 = 3.3%	19	4.1 Translate sentences into an equation and solve
0	0/30 = 0%	3	1.2 Solve applications that use operations with integers