

**MATH LAB  
ROOM 1315**

**NAME** \_\_\_\_\_

## **LAB ASSIGNMENT 0**

**READ THESE DIRECTIONS!** Show this paper to the Lab Assistant when you sign in. Have the Lab Assistant initial and stamp this paper when you sign out.

You must watch **BOTH** of these videos. These tapes will help you do better on your exams! It is highly recommended that you watch the first tape **before** your first exam and the second tape as soon **after** your first exam as possible. Bring your graded exam with you when you watch the second tape.

**Lab Initials and Stamp**

VDC Heath “Preparation and Test Taking Skills” \_\_\_\_\_  
(about 40 min)

VDC Heath “Analyzing Results and Improving Performance” \_\_\_\_\_  
(about 20 min)

**LAB ASSIGNMENT 1 (MATH 102)**

**Go to:** [www.interactmath.com](http://www.interactmath.com)

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**Lab Initials and Stamp**

InterAct Chapter 5 Section 4 “Special Factoring Rules”

Exercises 19,25,43,45,59,61,71,77

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InterAct Chapter 6 Section 2 “Multiplying and Dividing Rational Expressions”

Exercises 17,29,41,47,55,61

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InterAct Chapter 6 Section 4 “Adding and Subtracting Rational Expressions”

Exercises 35,65,67,69

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InterAct Chapter 6 Section 5 “Complex Fractions”

Exercises 11,23,33,35

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InterAct Chapter 6 Section 6 “Solving Equations with Rational Expressions”

Exercises 17,31,47,49,83

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InterAct Chapter 6 Section 7 “Applications of Rational Expressions”

Exercises 3,21,33,39

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InterAct Chapter 2 Section 6 “Ratios and Proportions”

Exercises 39,63,65

\_\_\_\_\_

InterAct Chapter 7 Section 1 “Review of Graphs and Slopes of Lines”

Exercises 7,49,57,59,69,73,83,91,97,99

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InterAct Chapter 7 Section 2 “Review of Equations of Lines; Linear Models”

Exercises 5,21,25,45,49,51,63,67,75

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**LAB ASSIGNMENT 2 (MATH 102)**

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**Lab Initials and Stamp**

InterAct Chapter 7 Section 3 “Functions”

Exercises 5,11,13,25,33,41,53,69

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InterAct Chapter 8 Section 1 “Solving Systems of Linear Equations by Graphing”

Exercises 33,35,37

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InterAct Chapter 8 Section 2 “Solving Systems of Linear Equations by Substitution”

Exercises 3,7,13,17,19

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InterAct Chapter 8 Section 3 “Solving Systems of Linear Equations by Elimination”

Exercises 9,13,19,31,35,37

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InterAct Chapter 8 Section 4 “Systems of Linear Equations in Three Variables”

Exercises 3,17,25,29

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InterAct Chapter 8 Section 5 “Applications of Systems of Linear Equations”

Exercises 23,33,39

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InterAct Chapter 9 Section 1 “Set Operations and Compound Inequalities”

Exercises 7,13,17,27,31,41,47,55,57

**(changed from 22 & 43)**

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InterAct Chapter 9 Section 2 “Absolute Value Equations and Inequalities”

Exercises 27,31,41,45,65,77,81,93

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**Lab Initials and Stamp**

InterAct Chapter 10 Section 1 “Radical Expressions and Graphs”  
Exercises 13,21,25,41,47,69,73,77,105,107,111 \_\_\_\_\_

InterAct Chapter 10 Section 2 “Rational Exponents”  
Exercises 3,5,13,31,35,79,83 \_\_\_\_\_

InterAct Chapter 10 Section 3 “Simplifying Radical Expressions”  
Exercises 15,35,39,41,49,61,71,79,91,99,107 \_\_\_\_\_

InterAct Chapter 10 Section 4 “Adding and Subtracting Radical Expressions”  
Exercises 7,9,21,33 \_\_\_\_\_

InterAct Chapter 10 Section 5 “Multiplying and Dividing Radical Expressions”  
Exercises 9,11,23,43,49,63,69,75,103 \_\_\_\_\_

InterAct Chapter 10 Section 6 “Solving Equations with Radicals”  
Exercises 9,17,27,47,49,55,65 \_\_\_\_\_

InterAct Chapter 10 Section 7 “Complex Numbers”  
Exercises 1,3,9,17,23,31,45,47,53,61,73 \_\_\_\_\_

**LAB ASSIGNMENT 4 (MATH 102)**

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**Lab Initials and Stamp**

InterAct Chapter 11 Section 1 “Solving Quadratic Equations (Square Root Property)”  
Exercises 9,21,25,37,57,65

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InterAct Chapter 11 Section 2 “Solving Quadratic Equations (Completing the Square)”  
Exercises 21,41,49

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InterAct Chapter 11 Section 3 “Solving Quadratic Equations (Quadratic Formula)”  
Exercises 7,11,29,39,41,45

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InterAct Chapter 11 Section 4 “Equations Quadratic in Form”  
Exercises 15,33,49,61,69,75

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InterAct Chapter 11 Section 5 “Formulas and Further Applications”  
Exercises 5,9,19,33,37,49

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InterAct Chapter 11 Section 6 “Graphs of Quadratic Equations”  
Exercises 1,5,9,13,25,29,33

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InterAct Chapter 11 Section 7 “More About Parabolas; Applications”  
Exercises 5,7,13,23,35

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InterAct Chapter 11 Section 8 “Quadratic and Rational Inequalities”  
Exercises 7,13,21,29,37

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