**\*\*\* How to access the Review for the Final Exam\*\*\***

1. In Blackboard under the Open Lab Content heading on the left, click Final Exam Material

2. Click 28C Review for Final Exam [top link]

3. Click Continue to Begin the Review

4. This exam is comprehensive. The more you prepare, the more comfortable you will be.

5. Do questions specified below from the chapters we have covered in class with Save & Submit after each question. Copy questions as you go on paper or submit a copy of your grade book to verify you have completed the required questions correctly [1st do Questions from Ch. 1, then Ch. 2, then repeat Ch. 1 & 2 questions and add those from Ch. 6, etc. until we have covered all the chapter material in class and you do all 40 questions.] Such verification must be included in your notebook in the last section. If you need assistance with these problems, feel free to confer with instructors in Math Connections or lab instructors in the Math Lab.

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| Question # | Chapter | Topic |
| 1 | 2 | Solving equations using Distributive Property |
| 2 | 2 | Solving equations using Distributive Property |
| 3 | 2 | Solving equations using Distributive Property |
| 4 | 2 | Solving equations using Distributive Property & decimals |
| 5 | 2 | Solving equations with fractions |
| 6 | 2 | Solving literal equations [i.e. letters only] |
| 7 | 2 | Solving inequalities |
| 8 | 2 | Graphing inequalities on a number line using interval notation |
| 9 | 3 | Geometry Word Problem ~ perimeter |
| 10 | 3 | Geometry Word Problem ~ perimeter |
| 11 | 3 | Geometry Word Problem ~ area |
| 12 | 3 | Geometry Word Problem ~ area |
| 13 | 3 | % Word Problem |
| 14 | 3 | Money Word Problem |
| 15 | 3 | % Word Problem |
| 16 | 3 | % Word Problem |
| 17 | 4 | x & y-intercepts of a line from an equation [2 answers] |
| 18 | 4 | Slope of a line through 2 points [wine glasses over a picnic table] |
| 19 | 4 | Find the slope of a line from a graph |
| 20 | 4 | Find the slope of a line from y = mx + b form of an equation of a line |
| 21 | 4 | Find the slope of a line Ax + By = C form of an equation of a line |
| 22 | 4 | Select a graph from an xy-table of values |
| 23 | 4 | x & y-intercepts of a line from a graph [2 answers] |
| 24 | 4 | From a graph, write slope-intercept form of a line |
| 25 | 1 | Combine Like Terms in an expression |
| 26 | 6 | Squaring a Binomial |
| 27 | 6 | Power of a Power |
| 28 | 6 | Zero Power |
| 29 | 6 | Subtracting Polynomials |
| 30 | 6 | FOILing 2 Binomials |
| 31 | 7 | Find the GCF of several Monomials |
| 32 | 7 | Factor by Grouping |
| 33 | 7 | One factor of a trinomial with leading coefficient ≠ 1 [Hook] |
| 34 | 7 | One factor of a binomial using Difference of Squares |
| 35 | 7 | Solve Quadratic Equation by Factoring with leading coefficient = 1 [Mult/Add] |
| 36 | 7 | Solve Quadratic Equation by Factoring with leading coefficient ≠ 1 [Hook]. Specify only the integer answer, not the fraction one. |
| 37 | 8 | Add fractions with LIKE monomial denominators |
| 38 | 3 | Solve a proportion ~ [mi/gal] set-up |
| 39 | 9 | Radical simplification |
| 40 | 9 | Pythagorean Theorem |
| Save & Submit | Click OK | To Review Results ~ i.e. Your answers and the correct answers, question by question. Are you getting 28 or better out of 40 correct? That is required to pass the Final Exam [a necessity for passing the course for anyone who has not earned a 70% or higher on EVERY LAB QUIZ!] |