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| Weeks | **Description** |  |
|  | ***Chapter 4: Systems of Equations*** |  |
|  | * 1. Graphing (*review only*) |  |
|  | * 1. Substitution (*review only*) |  |
|  | 4.3 Addition/Elimination (*review only*) |  |
|  | * 1. Application: Value Problems |  |
|  | * 1. Application: Mixture Problems |  |
|  | ***Chapter 5: Polynomials (condensed review)*** |  |
| End of 3rd Week | 5.1 – 5.7 review from SEM A |  |
|  | ***Chapter 6: Factoring (condensed review)*** |  |
|  | 6.1 Greatest Common Factor |  |
|  | 6.2 Grouping |  |
|  | 6.3 Trinomials where a=1 |  |
|  | 6.4 Trinomials where a≠1 |  |
|  | 6.5 Factoring Special Products |  |
|  | 6.6 Factoring Strategies |  |
| End of 6th Week | 6.7 Solve by Factoring |  |
|  | ***Chapter 7: Rational Expressions*** |  |
|  | 7.1 Reduce Rational Expressions |  |
|  | 7.2 Multiply and Divide |  |
|  | 7.3 Least Common Denominator |  |
|  | 7.4 Add and Subtract |  |
|  | 7.5 Complex Fractions |  |
|  | 7.6 Proportions |  |
| End of 9th Week | 7.7 Solving Rational Equations |  |
|  | 7.8 Application: Dimensional Analysis |  |
|  | ***Chapter 8: Radicals*** |  |
|  | 8.1 Square Roots |  |
|  | 8.2 Higher Roots |  |
|  | 8.3 Adding Radicals |  |
|  | 8.4 Multiply and Divide Radicals |  |
|  | 8.5 Rationalize Denominators |  |
| End of 12th Week | 8.6 Rational Exponents |  |
|  | 8.8 Complex Numbers |  |
|  | ***Chapter 9: Quadratics*** |  |
|  | 9.1 Solving With Radicals |  |
|  | 9.2 Solving With Exponents |  |
|  | 9.3 Complete the Square |  |
|  | 9.4 Quadratic Formula |  |
|  | 9.5 Build Quadratic From Roots |  |
| End of 15th Week | 9.6 Quadratic in Form |  |
|  | 9.7 Application: Rectangles |  |
|  | 9.8 Application: Teamwork |  |
|  | 9.11 Graphs of Quadratics |  |
|  | ***Chapter 10: Functions*** |  |
|  | 10.1 Function Notation |  |
|  | 10.2 Operations on Functions |  |
|  | 10.4 Exponential Functions |  |
| End of semester B | 10.6 Application: Compound Interest |  |

Created on 7/23/15 9:31 AM