**Math 1A**

**Unit 3: Systems of Linear Equations and Inequalities**

 **Why do we need more than one way to solve systems of equations?**

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| Day | Date | Topic | Classwork |
| 1 | Mon.10/31 | Solving Systems of Equation by Graphing | Solving Systems of Equations Notes |
| 2 | Tues.11/1 | Solving Systems of Equation by Graphing | Solving Systems of Equations Practice |
| 3 |  Weds.11/2 | Solving Systems of Equation by GraphingWord Problems | Solving Systems of Equations Word Problems Notes/Practice |
| 4 | Thurs.11/3 | Solving Systems of Equation by Substition | Solving Systems by Substitution Notes |
| 5 | Fri11/4 | Solving Systems of Equation by Substitution | Solving Systems by Substitution Practice |
| 6 | Mon.11/7 | Solving Systems of Equation by SubstitutionWord Problems | Solving Systems by Substitution Applications Notes and Practice |
| 7 | Tues.11/8 | **QUIZ #1 – Unit 3**Solving Systems of Equation by Elimination | Solving Systems by Elimination Notes |
| 8 | Weds.11/9 | Solving Systems of Equation by Elimination | Solving Systems by Elimination Practice |
| 9 | Thurs.11/10 | Solving Systems of Equation by EliminationWord Problems | Solving Systems by Elimination Applications Notes and Practice |
| 10 | Fri.11/11 | **HOLIDAY** | **HOLIDAY** |
| 11 | Mon.11/14 | Solving Systems of Equation by Graphing, Substitution, and Elimination Review | Comparing and Contrastiong all three methods/Review Unit 3 Part 1 |
| 12 | Tues.11/15 | **Unit 3 Test – Part 1** | Unit 3 Part 1 Test |
| 13 | Weds.11/16 | Equations of Parallel Lines | Equations of Parallel Lines Notes |
| 14 | Thurs.11/17 | Equations of Parallel Lines | Equations of Parallel Lines Practice |
| 15 | Fri.11/18 | Equations of Parallel Lines | Equations of Parallel Lines Practice |
| 16 | Mon.11/21 | Equations of Perpendicular Lines | Equations of Perpendicular Lines Notes |
| 17 | Tues11/22 | **QUIZ #3 – Unit 3**Equations of Perpendicular Lines | Equations of Perpendicular Lines Practice |
| 18 |  Mon. 11/28 | Equations of Perpendicular Lines | Equations of Perpendicular Lines Practice |
| 19 | Tues.11/29 | Graphing Linear Inequalities | Graphing Linear Inequalites |
| 20 | Weds.11/30 | Solve Systems of Linear Inequalities | Solving Systems of Linear Inequalities Notes |
| 21 | Thurs.12/1 | Solve Systems of Linear Inequalities | Solving Systems of Linear Inequalities Practice |
| 22 | Fri.12/2 | **EARLY RELEASE**Solve Systems of Linear Inequalities | Solving Systems of Linear Inequalities Practice |
| 23 | Mon.12/5 | Pythagorean TheoremPythagorean Triples | Pythagorean Theorem Notes |
| 24 | Tues.12/6 | **QUIZ #4 – Unit 3**Pythagorean Theorem | Pythagorean Theorem Practice |
| 25 | Weds.12/7 | Pythagorean TheoremWord Problems | Pythagorean Theorem Applications |
| 26 | Thurs.12/8 | Distance Formula/Distance from the Pythagorean Theorem | Distance Formula/Distance by the Pythagorean Theorem Notes |
| 27 | Fri.12/9 | Distance Formula/Distance from the Pythagorean Theorem Word Problems | Distance Formula/Distance by the Pythagorean Theorem Practice |
| 28 | Mon.12/12 | Distance Formula/Distance from the Pythagorean Theorem Word Problems | Distance Formula/Distance by the Pythagorean Theorem Applications |
| 29 | Tues.12/13 | **QUIZ #5 – Unit 3**Midpoint | Midpoint Notes |
| 30 | Weds.12/14 | Midpoint | Midpoint Practice |
| 31 | Thurs.12/15 | Midpoint Word Problems | Midpoint Applications |
| 32 | Fri.12/16 | Review Unit 3 | Review Unit 3 |
| 33 | Mon.12/19 | Review Unit 3 | Review Unit 3 |
| 34 | Tues. 12/20 | **Unit 3 Test**  | Unit 3 Test |
| 35 | Weds. 12/21 | ReviewMost Missed Problems Presentations | Presentations of Most Missed Test Problems |

Tutorials: Tuesday – Lunch B and Thursday – Lunch A