**Mrs. Burke’s Class**

All plans are subject to change.

|  |  |  |
| --- | --- | --- |
|  | **Math Course 3** | **Algebra** |
| Monday, April 16 | **Objective**: I can estimate square roots.  **Agenda:**   * Practice square roots as a class * Estimating notes * Practice: textbook pg. 188 #1-6, 17-22 | **Objective**: I can solve a quadratic function using the zero product property.  **Agenda:**   * Finish pg. 2-3 * Notes * Practice: worksheet |
| Tuesday, April 17 | **Objective:** I can determine if a number is rational vs. irrational.  **Agenda:**   * Practice Check * Skit and discussion * Notes: foldable * Quiz-quiz-trade | **Objective**: I can solve a quadratic function by factoring.  **Agenda:**   * Practice Check * Notes * Practice: pg. 653 #7-17 |
| Wednesday, April 18 | **Objective**: I can explain a proof of the Pythagorean Theorem.  **Agenda:**   * Practice Check * Make a model with cubes * Show water video and predict * Use cubes to prove the Theorem * Partners: Try to come up with an equation * Video showing real life Pythagorean Theorem? * Discussion-vocab (leg, hypotenuse, proof) | **Objective**: I can solve a quadratic function by square roots.  **Agenda:**   * Practice Check * Notes * Practice: 659 #17-28 |
| Thursday, April 19 | **Objective**: I can explain a proof of the Pythagorean Theorem. I can use the Pythagorean Theorem to find the hypotenuse.  **Agenda:**   * RE-E-CH * Pythagorean Theorem story (“What’s your angle, Pythagoras?”) * Make paper model of Theorem * Notes-with pictures | **Objective**: I can solve a quadratic function by square roots.  **Agenda:**   * More Practice: white boards * journal |
| Friday,  April 20 | **Objective**: I can use the Pythagorean Theorem to find the hypotenuse.  **Agenda:**   * Practice Check: Partner Rubric * notes * Worksheet practice (pgs. 1 and part of 2) | **Objective**: I can solve a quadratic function by completing the square.  **Agenda:**   * Practice Check * Notes |