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| **Date** | **Class** | **HW Assignment** | **Standard(s)** |
| Monday  11/3 | Graphing parabolas from vertex form; | Worksheet p. 199: #7, 9, 15, 17, 20, 22, 29, 30, 32, 33 | F.IF.4-9 |
| Tuesday-Wednesday  11/3-4 | Write equation in vertex form given vertex and point; domain and range; max and min values | Worksheet p. 199: #23, 25, 27, 28, 31, 34-37, 49-51, 66, 67, 75 | F.IF.4-9 |
| Monday  11/10 | Convert from standard to vertex form | For the following, ignore the book directions and  A. Find vertex and write equation in vertex form.  B. Graph using vertex, value of “a”, and the y-intercept.  C. Give domain and range.  Book: p. 254: #6, 18, 20, 21, 27-33 odd, 40, 61 | F.IF.4-9 |
| Tuesday  11/11 | More finding vertex including word problems using max and min and using calculator | p. 254: #11, 32, 41, 42, 59, 60, 43-47 odd, 64 | F.IF.4-9 |
| Wednesday  11/12 | Modeling real-life data with quadratics using calculator (quad regression) | Worksheet | F.IF.4-9 |
| Thursday/Fri  11/13-14 | Review graphing parabolas, writing equations, calculator skills | Worksheet | F.IF.4-9 |
| Tue 11/18 | **Quiz- Parabolas** | (snow day on Mon) |  |
| Wed  11/19 | **No class- septic issues** |  |  |
| Thursday  11/20 | 4.4: Solve by Factoring (all = 0) | Worksheet | A.SSE.2 |
| Friday  11/21 | 4.4: More Factoring (not all = 0) | Kuta Worksheet | A.SSE.2 |
| Monday  11/24 | **Solve by factoring cont’d** | Worksheet (Solving #1 and #2) | A.CED1, A.APR3, A.SSE1a |
| Tuesday  11/25 | **Quiz: Solve by Factoring** | NONE |  |
| Mon  12/1 | **5.2: Solve quad equation by graphing parabola and finding x-int with calc; applications** | p. 263: #1-3, 14-19, 13, 39, 51  p. 267: #1, 3, 7, 9, 11 | A.CED1, A.APR3, A.SSE1a |
| Tue  12/2 | **Review radical simplification including imaginary** | Worksheet |  |
| Wed  12/3 | **Solve quadratic equation using quadratic formula** | p. 297: #1-3, 7, 11, 12, 17, 20, 22, 23, 25, 36 | A.REI4b, N.CN1, 2, 7, 8 |
| Thursday  12/4 | **Quad Formula cont’s** | p. 297: #8, 13, 21, 24, 26, 28, 29, 31, 33, 37, 39 | A.REI4b, N.CN1, 2, 7, 8 |
| Friday  12/5 | Solve quadratic equation by square roots and completing the square | * Worksheet on square roots   AND  p. 288: #17, 19, 23, 33, 37, 39, 40, 48 | A.REI4b, N.CN1, 2, 7, 8 |
| Monday  12/8 | Comp the square cont’d | Worksheet | A.REI4b, N.CN1, 2, 7, 8 |
| Tuesday  12/9 | **Quiz on Quad Form/Square roots/Complete the square** | Chapter 4 review Worksheet | A.REI4b, N.CN1, 2, 7, 8 |
| Wednesday  12/10 | **Chapter 4 Review** | *Finish Chap* 4 Review sheet |  |
| Thursday  12/11 | **Chapter 4 Test** | Review sheet on Chap 4 |  |
| Friday  12/12 | **Finish Chapter 4 Test** | Exam Review TBA |  |
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