**Note**: “Odd” means a, c, e, …. “Even” means b, d, f, …..

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| --- | --- | --- |
| **Your homework will be assessed on the following:** | **Self-Assessment** | **Teacher Assessment** |
| Day 1: **Polynomial Review** **Worksheet** as indicated (#1-10, 15, 17, 18, 20, 22, 24) Day 2: **Functions Review Worksheet** (Functions: #1-16, 17odd, 18odd, 19-24. Quadratics: #25)Day 3: **Computer Lab Activity** Day 4: **Graphing *y = ax2* Worksheet** (Hint: For #4 & 5, use vertex form to solve for *a* first (like in Example 6). Omit 4cd 5bd.Day 5: **Graphing** $y=x^{2}+q a$**nd** $y=(x-p)^{2}$ **Worksheet** (all). Study for Quiz next class on graphing *y = ax2* (including axis of symmetry, domain, range, vertex, max/min value).Day 6: **Combining Transformation Worksheet (**Optional: 6bd,9.) Day 7: **Modeling Problems**, Sec. 3.1, #13a, 16, 17, 18.Study for quiz next class on combining transformations with a = 1.Day 8: **Complete the Square, Part 1 (a = 1**), Sec. 3.3, p. 192 #1, 2, 51, 6a, 7a.Day 9: **Complete the Square, Part 2 (a ≠ 1**), Sec 3.3, p. 193 #3, 4ab, 6bd, 7cf, 8ac, 9, 10, 16a.Day 10: **Optimization Problems:**Sec. 3.3, p. 194, #15, 19, 22, 23. Study for quiz next class on completing the square and modeling problemDay 11: **Review Day** (Ch 3 – Quadratic Functions).Practice Test, p. 201, #1-16.Parabola Selfie assignment |   /60 |     /60 |
| Work is shown in clear steps |  /20 |  /20 |
| Homework marked with PEN |  /10 |  /10 |
| Corrections are done with DIFFERENT colour |  /10 |  /10 |
| **Total Score**: |  /100 |  /100 |