

Name: _____

Precalculus (Fall 2016)

Unit 1: Functions

| Day | Topic | Homework | Done? | Done Well? |
|-----|---|--|-------|------------|
| 1 | <u>Sec 1.2 Part 1: Interval Notion, Domain & Range</u> * Notes on p. 1-4 | Text Pg 98 #s1-17 You can use a calculator to graph! | | |
| 2 | <u>Sec 1.2 Part 2: Extrema, Symmetry, Boundedness, Increasing & Decreasing</u> * Notes on p. 5-7 | (p. 8-9) w.s. "Even and Odd Functions" (p. 10) w.s. "Domain of Function A" (p. 11-12) w.s. "Increasing & decreasing" | | |
| 3 | <u>Sec 1.2 Part 3: Asymptotes, End Behavior, & Discontinuity</u> * Notes on p. 13-14 | Text p. 99 (47-54) (p. 15) w.s. "End Behavior" | | |
| 4 | <u>Notes 1.3 : Twelve Basic Functions</u> * Notes on p. 16-19 | (p. 14-17) Finish Notes 1.3 Text p. 109 (1-28) | | |
| 5 | <u>Notes 1.3 : Piecewise Functions</u> * Notes on p. 20 Quiz #1: Sec 1.2 | (p. 21-22) "Graph the Piecewise Functions" (p. 23 Graphs): Text Pg 110 (45-52) & (60-63) | | |
| 6 | <u>Notes 1.4 Part1: Domain of Combinations & Compositions, Decomposing Functions, Identify Implicitly Defined Function</u> * Notes on p. 24-25 | Text p. 127-28 (1-20) & (26-30) (p. 26-27) w.s. "Combinations of Functions" | | |
| 7 | <u>Notes 1.4 Part2: Parametric Functions, Inverses of Functions, One-to-one Functions</u> * Notes on p. 28-30 | Text p. 128 (31-62) | | |
| 8 | <u>Activity 1.5: Transformations</u> p. 31-34 Quiz #2: Sec 1.3-1.4 **Activity after Quiz** | (p. 35-36) Inverses (A) | | |
| 9 | <u>Notes 1.5: Transformations</u> * Notes on p. 37-38 | (p. 39-40) Transformations (p. 41-42) w.s. "More Practice with Transformations (1.5)" | | |
| 10 | Review Unit 1 | Review like you mean it. | | |
| 11 | Test Unit 1 | TBA | | |