



|       | Table of Contents (2 <sup>nd</sup> Semester) |
|-------|--|
| o. 1  | Exponent Basics (1.2)                        |
| . 2   | Multiplying and Dividing Powers (1.3)        |
| . 3   | Power to a Power (1.4)                       |
| . 4   | Zero & Negative Exponents (1.5)              |
| . 5   | Scientific Notation (1.6)                    |
| . 0   | Angle Basics                                 |
|       | Angles formed by Parallel Lines (5.1)        |
| . 9   | Angles of Triangles (5.3)                    |
| p. 10 | Transformations (6.1 – 6.3)                  |
| . 11  | Rotations (handout)                          |
| . 12  | Reverse Transformations                      |
| 5. 13 | Pythagorean Theorem                          |
| . 14  | Distance on the Coordinate Plane             |
| p. 15 | Review: Circles                              |
| p. 16 | Volume of Prisms & Cylinders                 |
| p. 17 | Volume of Pyramids, Cones, & Spheres         |
| o. 18 | Scatter Plots & Lines of Best Fit            |











## Do you think there is a relationship between...

- The percentage of math homework assignments you do and your grade in the class???
- I WILL MAKE A SCATTER PLOT AND SHOW YOU TOMORROW!!!

















## What kind of correlation would you expect?

- height vs shoe size
- Amount of food you have eaten and how hungry you are
- Amount of time studying vs. test grade
- # of hours of sleep and GPA
- Days left in school in the springtime and temperature outside
- # of letters in your first name and # of letters in your last name















- A line that goes through the middle of the data
- Should have about the same number of dots above and below it























