Friday, February 1, 2013

- Agenda:
- TISK & 2 MM
- Lesson 12-6 part 2
- Homework: Finish 12-6 problems

TISK

- I) Evaluate: -6 + 12 18(-8 + 8) 7
- 2) Write the equation of a line that passes through the points (7, 9) and (5, -5).
- 3) Write and solve a proportion: Seventy is what percent of 40?

§12-6 Exponential Functions

- What types of situations use exponential functions?
 - Exponential Growth
 - Exponential growth is when one amount grows very large, very fast.
 Population growth
 - Cell Phone users from 1990 to now
 - In exponential growth, the value of a must be greater than 1
 - Exponential Decay
 - Exponential decay is when one amount decreases rapidly
 Radioactive decay of materials (Half-lives)
 Competition brackets
 - In exponential decay, the value of a must be less than 1.













