

Welcome Back! I'm SO happy to see you!

Do Now:

Find your new seat

Ask one person at your table about their break

Write one GOAL you have for the semester (for this class)

Jan 7-6:38 PM

not leave  
for last  
min

put away  
Cell phone

gooder

Goals

\*ASK for  
help

get an A

Jan 7-6:50 PM

Some New Changes for this Semester:

- **Re-reassessments (only 2 allowed)**
- **Homework questions: Circle those you have questions on**
- **No Group Folders, but... you may use your warm-ups on quizzes.**

Jan 7-6:45 PM

This Semester:

- Exponents and Logarithms
- Trigonometry
- Statistics

Jan 8-7:50 PM

What are we really doing in algebra 34?

# Rewriting

Polynomials

$$x^2 + 6x + 5$$

$$(x+5)(x+1)$$

Radicals

$$\sqrt{8x^3}$$

$$2x\sqrt{2}$$

Rationals

$$\frac{6(x+1)}{(x+1)(x+3)}$$

$$\frac{6}{(x+3)}$$

Exponents

$$2^3 = 8$$

$$2 \cdot 2 \cdot 2 = 8$$

$$\log_2 8 = 3$$

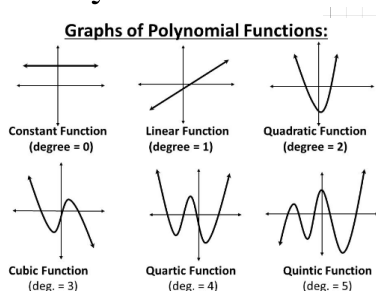


Jan 8-7:52 PM

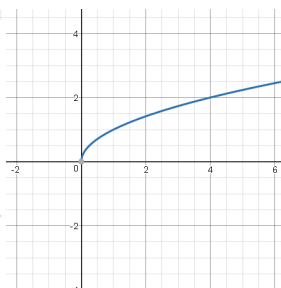
What are we really doing in algebra 34?

# Graphing

Polynomials

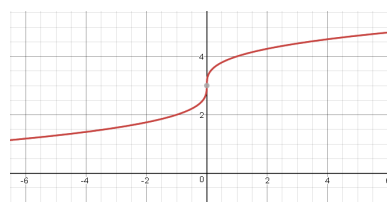


Radicals



~~Rationals~~

Exponents



Jan 8-7:52 PM

Today:

Pretest - don't worry about it, but please take it seriously.

Exponential Graphs versus Linear graphs

No homework (because of pretest)

Jan 8-8:03 PM

Introduction to Exponential Graphs and Logarithms

Please find a notebook for brief notes today

Jan 8-8:12 PM

What type of graph does this make?

x	y
0	4
1	6
2	8
3	10
4	12

$$y = 2x + 4$$

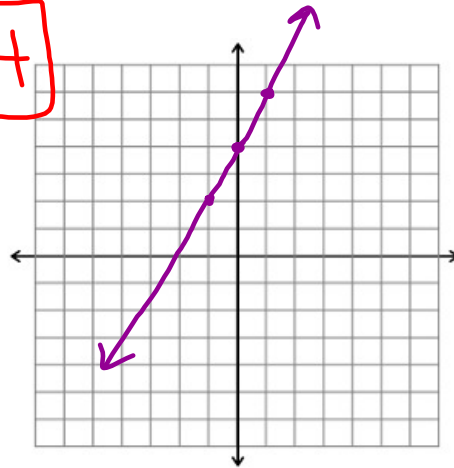
Linear

+2

+2

+2

+2



Jan 8-8:14 PM