

January 7, 2015

SJEM: math 0097 → math 0099
 → math 1111 → math 1113
 → math 2400?

Non-SJEM: MGC 0099 → math 1001
 → Math 2404? (Stat)


Jan 7-9:52 AM

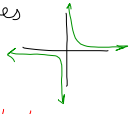
College Algebra → Functions

* Functions

** ① Linear → Lines ↗ ↘

** ② Radical Curves ↕ ↔

③ Quadratic - ves 


④ Rational → Curves 

⑤ Fractions!!!

Jan 7-10:12 AM

Sets

def: Sets are a collection of "like" things.

 member

Jan 7-10:22 AM

Mathematical Sets

① Natural Numbers

Counting $\mathbb{N} = \{1, 2, 3, \dots\}$

$n = m \cdot k$

$n = 12$
 $m = 4$
 $k = 3$ } $12 = 4 \cdot 3$
 $\frac{12}{4} = 3$
 $3 = 3$ true!

$6 = 2 \cdot 3$
 $n = m \cdot k$

$7 = m \cdot k$

$7 = 7 \cdot 1$ a Prime number is a natural number which has itself and one as factors.

Jan 7-10:25 AM

① Prime
 $P = \{2, 3, 5, 7, 11, 13, 17, 19, \dots\}$

② Composite Number
 * all natural numbers that are not prime.

Jan 7-10:43 AM