

Bell Ringer

Add the quadratic formula to your card.

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$ax^2 + bx + c = 0$$

root form

$$y = a(x - r_1)(x - r_2)$$

$$y = a(x - r_1)(x - r_2)(x - r_3)$$

$$y = a(x - r_1)(x - r_2)(x - r_3)(x - r_4)$$

tangent:
double
root

triple root = 3

Complex roots
come in pairs
 $2i, -2i$

Agenda

- HW ?
- quiz
- color walk
→ bonus
- Start our HW

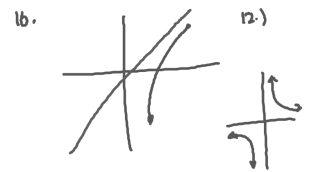
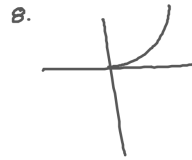
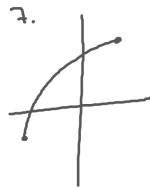


D: $x \neq 0$
 R: $y \neq 0$
 $f^{-1}(x) = \frac{1}{x}$
 D: $x \neq 0$
 R: $y \neq 0$

$$g^{-1}(x) = \sqrt{x+4}$$

$x+4 \geq 0$
 D: $x \geq -4$
 R: $y \geq 0$

dom orig =
 range invers
 range orig = domain
 invers



33 A 34 C 35 B

Mon OFF
Tues 6 & 5
Wed 1 & 2
Thurs 7 & 8
Fri 3 & 4
Mon 1/27 no school

Bonus

E: Name Gru's
3 daughters

OR

What does FASFA FAFSA
mean?

Yellow
Colorwalk
→ only do 4
mark other 4 as
Bonus

Closure

activity