Bell Ringer

Add the quadratic formula to your card.

$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$ $\quad ax^2 + bx + c = 0$

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

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

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

tangent = double root ^{2}

triple root ^{3}

complex roots - pair

$2i, -2i$

Agenda

- Hw ?
- quiz
- colorwalk → bonus
- Start our HW

D: $x \neq 0$

R: $y \neq 0$

$f^{-1}(x) = \frac{1}{x}$

D: $x \neq 0$

R: $y \neq 0$

$x = \frac{1}{y}$

$xy = 1$

$y = \frac{1}{x}$

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

$x + 4 \geq 0$

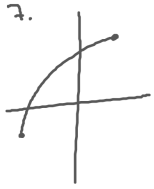
D: $x \geq -4$

R: $y \geq 0$

dom orig = range inverse

range orig = domain inverse

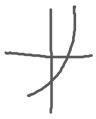
7.



8.

9.

11.



10.

12.)

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 3
Brad Pitt
movies.

OR

Tell me what FASFA ~~FA~~ means
FAFSA

Yellow

Colorwalk

→only do 4

mark other 4 as Bonus