

Today's Plan:

Learning Target (standard): I will graph rational functions using the 7-step process.

Students will: Complete practice problems over previous concepts at the boards, put up homework problems on the board and make necessary corrections to their own work, take a quiz.

Teacher will: Provide practice problems over previous concepts, check homework problems for accuracy and provide students feedback, describe and provide quiz problems.

Assessment: Board work, homework check and quiz

Differentiation: Students will work at the board, go over and correct homework at their seats, actively engage in a quiz.

Please take a few minutes to go over whatever you to do go over to help with your QUIZ today!

* Quiz today! *



Graph using transformations. Find the domain and range.

$$f(x) = \frac{2}{-x+3} + 4$$

$$f(x) = \frac{2}{-1(x-3)} + 4$$

$$f(x) = \frac{-2}{x-3} + 4$$

Parent: $f(x) = \frac{1}{x}$ VA: $x=0$ HA: $y=0$

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

2) $f(x) = -\frac{2}{x}$ v.s. by 2

3) $f(x) = -\frac{2}{x-3}$ shift right 3
VA: $x=3$

4) $f(x) = \frac{-2}{x-3} + 4$ shift up 4
HA: $y=4$

D: $\{x \mid x \neq 3\}$
R: $\{y \mid y \neq 4\}$

