

Algebra II

Just Checking #7... Week of 2-15-16

Name _____

Practice

Given the following information, sketch the graph of the rational functions.

1. $y = \frac{2}{x-4}$

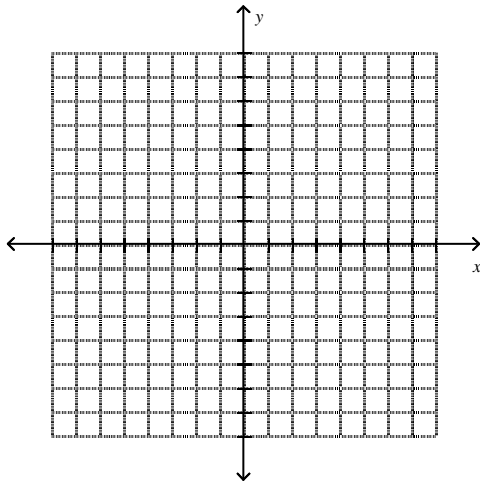
VA: $x = 4$

D: $(-\infty, 4)(4, \infty)$

HA: $y = 0$

y-int: $(0, \frac{-1}{2})$

x-int: none



2. $y = \frac{x+6}{x-2}$

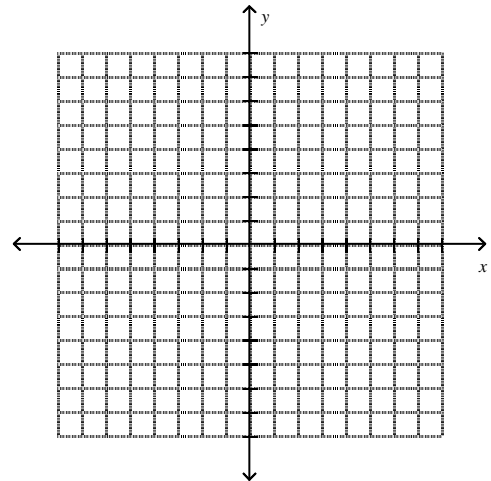
VA: $x = 2$

D: $(-\infty, 2)(2, \infty)$

HA: $y = 1$

y-int: $(0, -3)$

x-int: $(-6, 0)$



3. $y = \frac{5}{x-3} - 4$

VA: $x = 3$

D: $(-\infty, 3)(3, \infty)$

HA: $y = -4$

y-int: $(0, \frac{-17}{3})$

x-int: $(\frac{17}{4}, 0)$

