

MasterMath

Graphing Rational Functions

Name _____

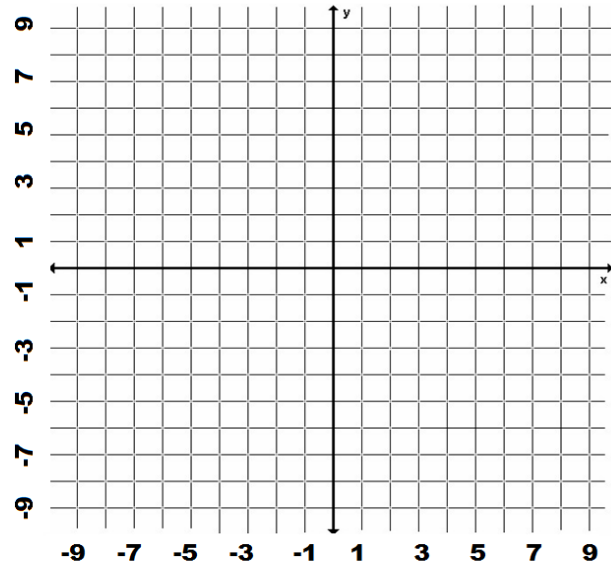
Date _____

1. Graph the function:

$$y = \frac{-2}{x - 2}$$

Be sure to draw the
Asymptotes

x	y

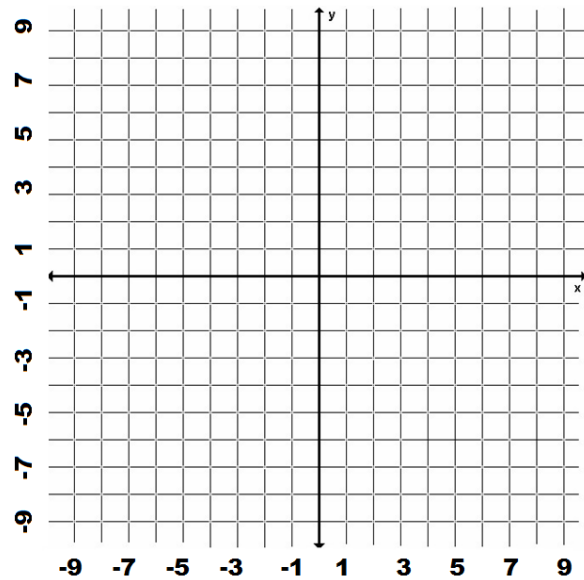


2. Graph the function:

$$y = \frac{1}{x + 1} + 2$$

Be sure to draw the
Asymptotes

x	y



3. Write the equation for the lines that are the Asymptotes
of this function:

$$y = \frac{3}{x - 6} - 4.5$$

Vertical Asymptote	Horizontal Asymptote

4. What is the Domain and Range of this function

$$y = \frac{-2}{x} - 5$$

Domain	Range