

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

# Graphing Rational Functions Bell Work

Find  $f(x)$  given that  $x$  is the value below.

$$y = \frac{5x-3}{2}$$

1.  $x = 0$

2.  $x = 2$

3.  $x = -1$

4.  $x = 4$

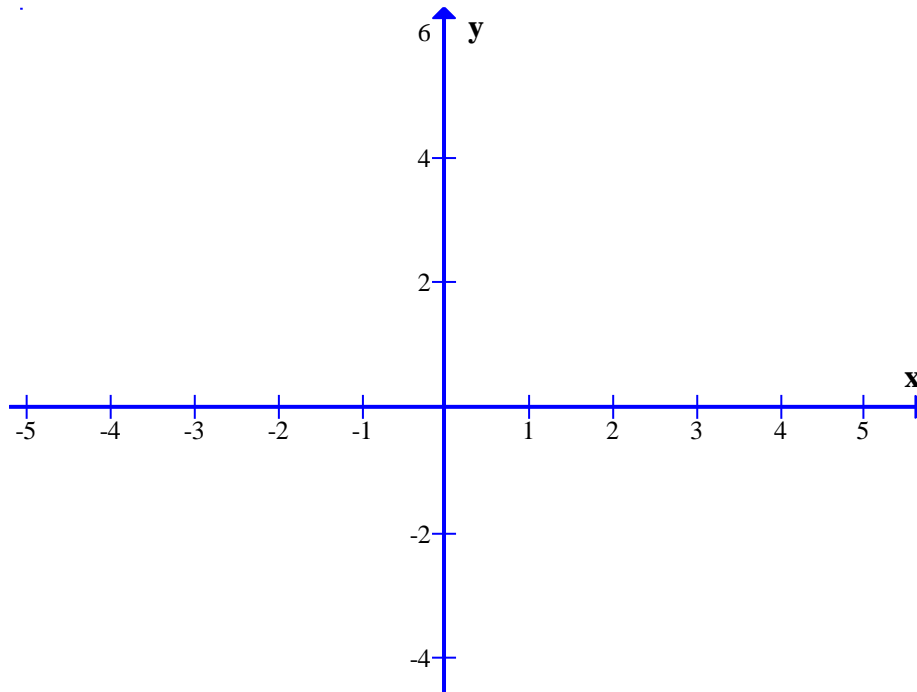
Draw a graph of a rational function by completing the table of values.

5. Complete the table of values for  $y = \frac{x+1}{x-1}$ .

X	-2	-1	0	1	2
y					

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6. Draw the graph of  $y = \frac{x+1}{x-1}$ .



Draw a graph of a rational function by finding the x and y intercept.

7. Find the y intercept of  $y = \frac{x+2}{2}$ .

8. Find the x intercept of  $y = \frac{x+2}{2}$ .

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9. Draw the Graph  $y = \frac{x+2}{2}$ .

