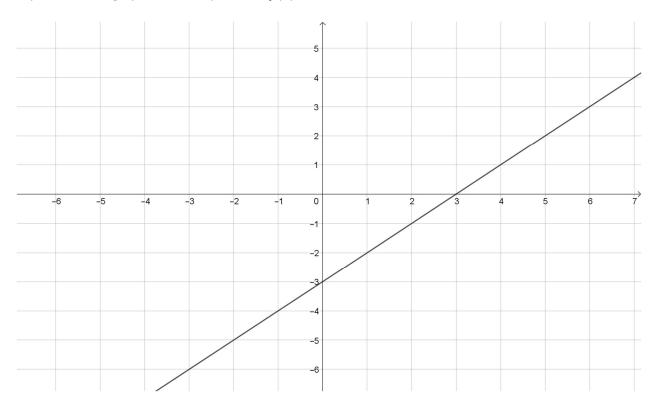
Consider the graph of f(x) = x - 3 shown below.

What would be the equation of the reciprocal of this function? \_\_\_\_\_ or \_\_\_\_\_.

Try to draw the graph of the reciprocal of f(x) = x - 3.



Properties to consider when plotting the reciprocal of a function:

1)			
•			

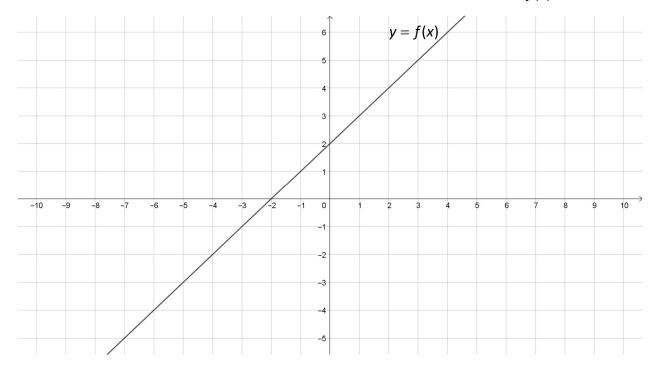
2)

3) \_\_\_\_\_\_

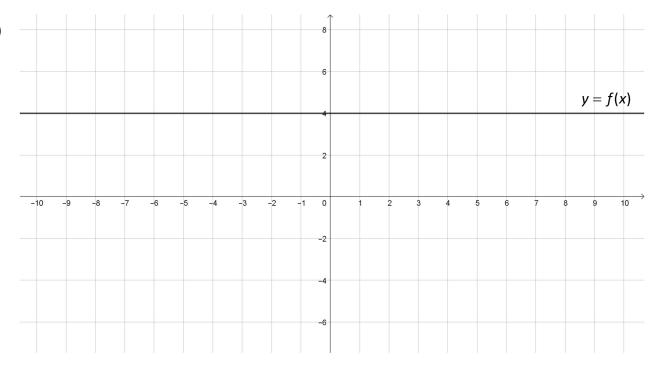
## **Examples**

For each of the following graphs of y = f(x), sketch the corresponding graph of  $y = \frac{1}{f(x)}$ .

1)



2)



3)

