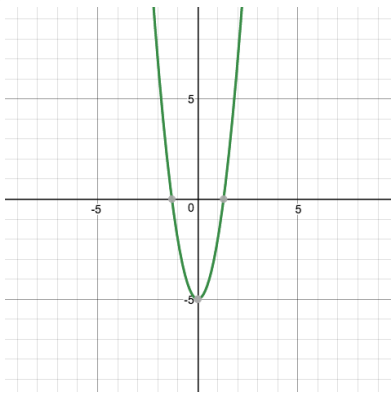
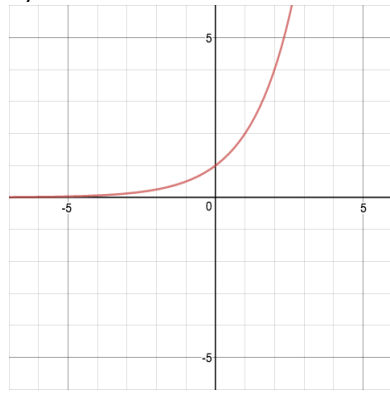


1) Identify the function family to which each graph belongs:

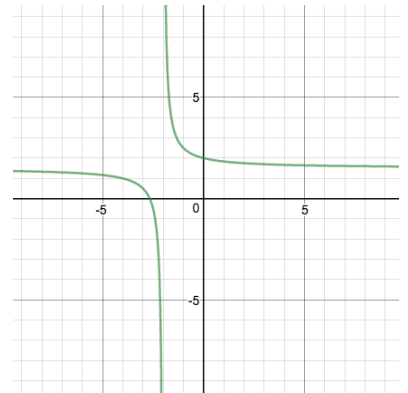
a)



b)

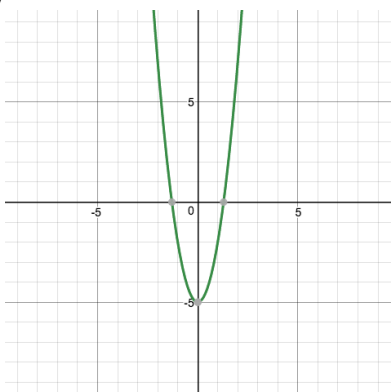


c)

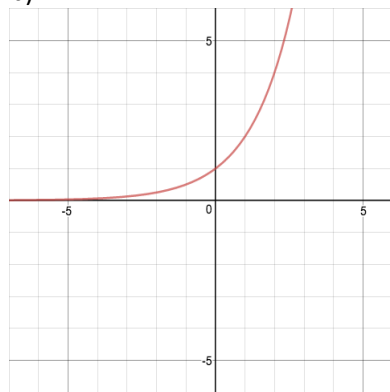


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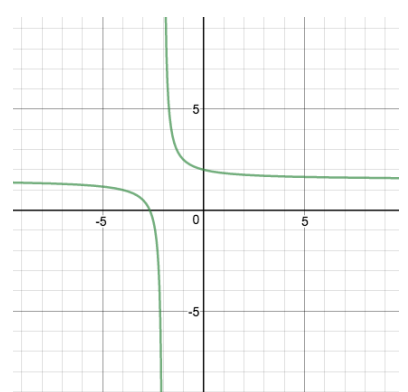
a)



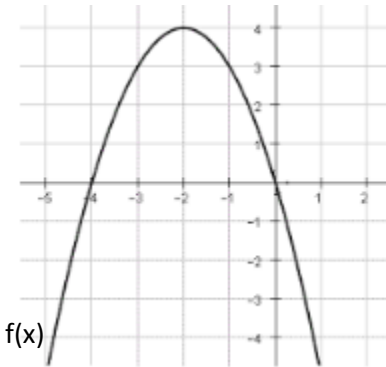
b)



c)



2) Use the two functions, $f(x)$ and $g(x)$, below to answer the following questions:

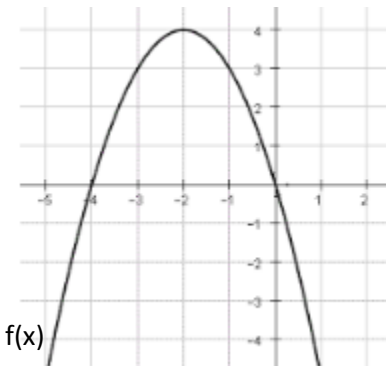


$$g(x) = -3x^2 + 6x + 3$$

a) Which function has the greater maximum value?

b) Which function has the smaller y-intercept?

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