


Panel 4

Name: \_\_\_\_\_

Quiz #1

① Are the following functions even, odd, or neither:

a)  $f(x) = 3x^3 - 4x$       b) 

② If  $f(x) = \frac{4}{x^2 - 3x}$ , find the domain of  $f$

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Panel 5

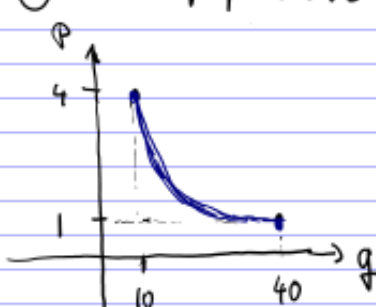
③ If  $f(x) = x^2 - 1$  and  $g(x) = 2x + 1$ , a) find  $\frac{g(2+h) - g(2)}{h}$

b)  $(f \circ g)(x) = f(g(x))$

④ This graph shows price  $p$  as a function of quantity  $q$ .

a) Is it a supply or demand curve?

b) What is the range of  $p(q)$ ?



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