

ECO137 Quiz 2 Nov. 19. 2018 ID _____; Name _____

Q1: Draw the following functions. Clearly label some critical values.

a) $f(x) = \frac{2x+5}{x+3}$

b) $f(x) = 2x^{1/3}$

c) $f(x) = 2\left(\frac{1}{3}\right)^x$

Q2: (a) If you place 10,000 TL in a bank and earn 18% annual interest, how much money you will have in your bank account after 5 years?

(b) Your car's current value is 50,000 TL and it depreciates at the rate of 25%. After how many years will the value of car become half?