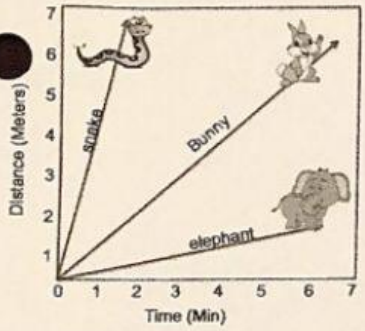
Unit rate application:

38.) The speeds that a snake, bunny, and elephant travel are displayed on the graph below. Answer the following questions using the graph.



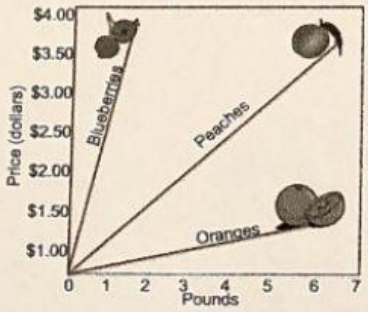
a. Which animal has the greatest constant of proportionality? _____

b. Which animal has the smallest constant of proportionality? _____

c. Which animal is the fastest? _____ the second fastest? _____

d. Which animal is the slowest? _____

39.) The prices of oranges, peaches, and blueberries are displayed on the graph below. Answer the following questions using the graph.



a. Order the fruits from least to most expensive: _____

_____

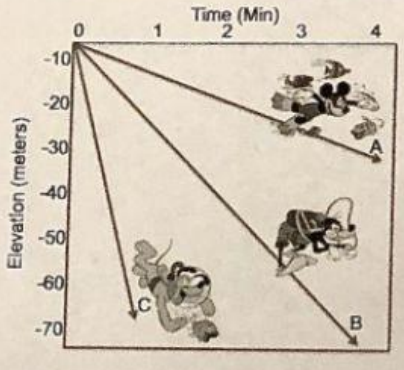
b. If the unit price of peaches is $1.20, which of the following could be the unit price of blueberries?

a. $0.75 b. $1.00 c. $1.20 d. $2.50

c. If the unit price of peaches is $1.20, which of the following could be the unit price for oranges?

a. $0.50 b. $1.25 c. $1.50 d. $2.00

40.) **The elevation of three scuba divers after a given amount of time are displayed on the graph below. Answer the following questions using the graph.**



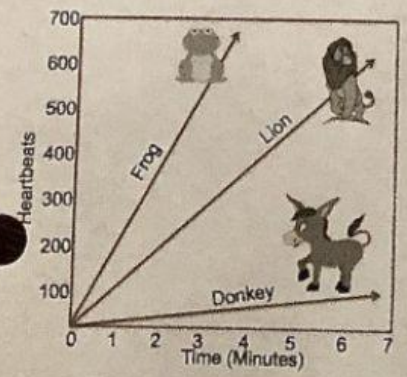
a. Which scuba diver descended at the fastest rate? _____

b. Which scuba diver descended at the slowest rate? _____

c. If scuba diver C descends at a rate of 70 meters/minute, which of the following could be the rate at which scuba diver B descends?

a. 80 m/min b. 30 m/min c. 100 m/min

41.) **The heart rates of a frog, lion, and donkey are displayed on the graph below. Answer the following questions using the graph.**



a. Which animal has the fastest heart rate? _____

b. Which animal has the second fastest heart rate? _____

c. Which animal has the slowest heart rate? _____