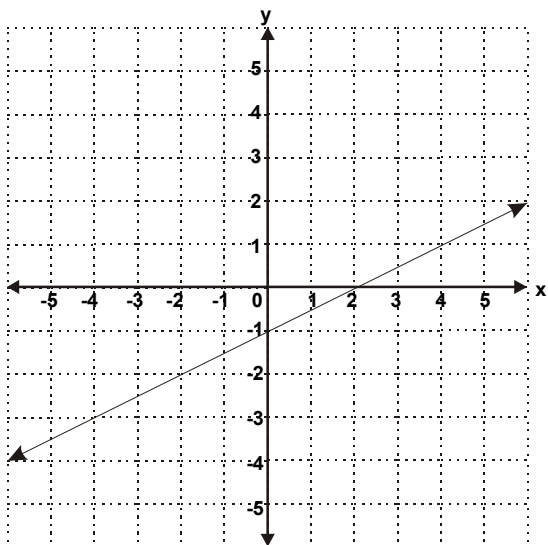


GRAPHING 4

1. Given the graph of the line, determine the following:



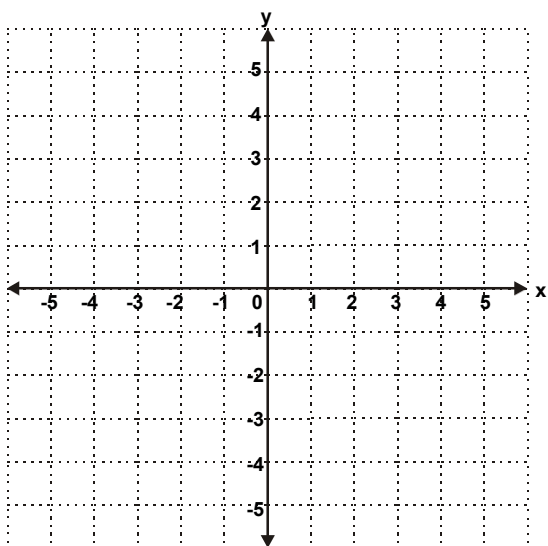
a. x-intercept _____

b. y-intercept _____

c. slope _____

d. equation _____

2. Given the equation $y = 3 - 1.5x$, determine the following:



a. x-intercept _____

b. y-intercept _____

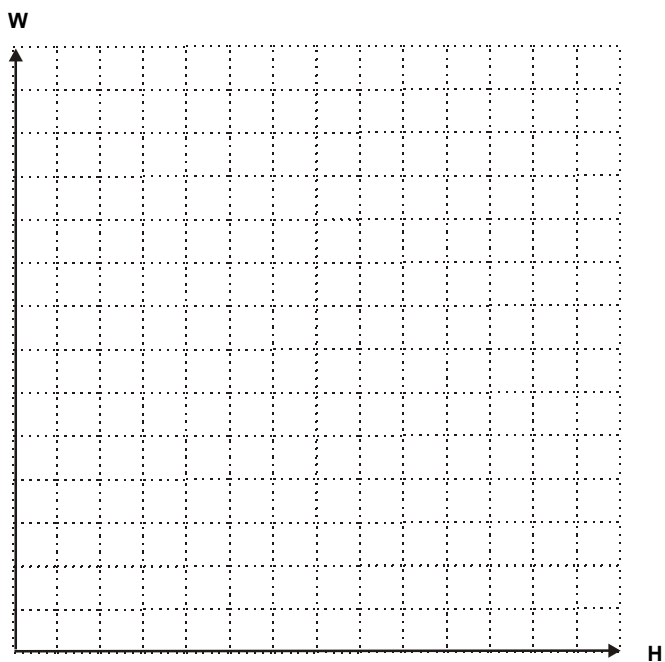
c. slope _____

d. graph _____

3. The mass of water, W , contained in a human body of mass H is given by the formula $W = 0.72H$.

a. Complete the table of values and graph $W = 0.72H$.

H	W



b. How much water would a 25-kg child contain?

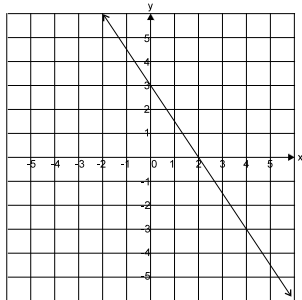
c. If a person contained 50 kg of water, what would their mass be?

ANSWER KEY

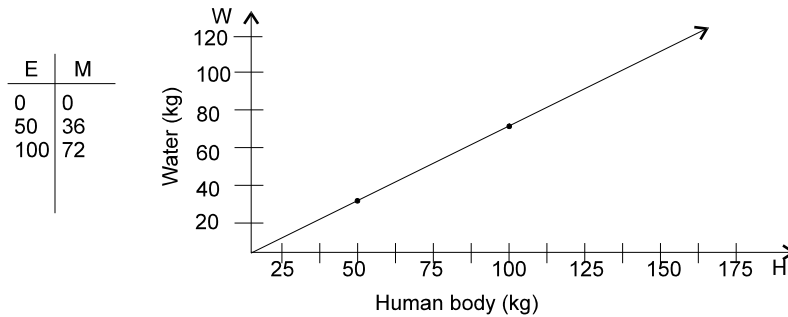
1. a. (2,0) b. (0,-1) c. $1/2$ d. $y = 1/2x - 1$

2. a. (2,0) b. (0,3) c. -1.5

d.



3. a.



b. 18 kg

c. 69 kg

Source: Government of BC used with permission.