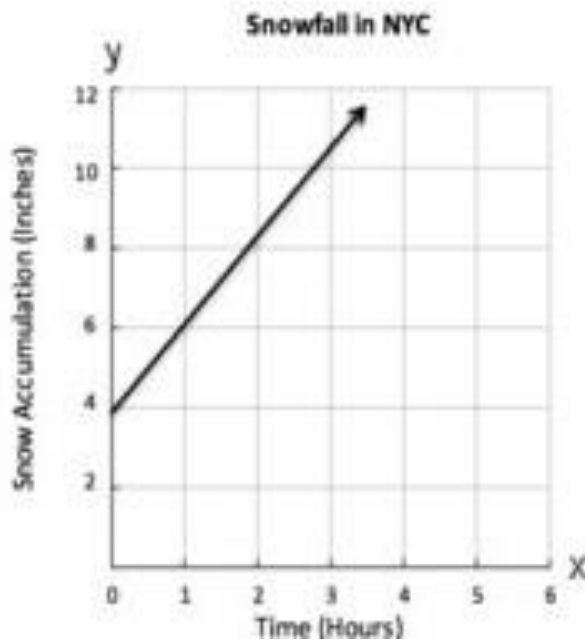


RATU NAVULA COLLEGE**Y11 MATHEMATICS LIFESKILLS****WORKSHEET 2**

Interpreting linear equations (LINEAR MODELS)

*Attempt questions in your exercise books

1.



Write the equation of the line. Explain what the slope and y- intercept represents in the context of the graph.

a) $m =$ _____

The slope means

b) $b =$ _____

the y- intercept means

c) EQUATION:

2. For the following equations, identify the slope, y intercept and interpret the meaning of each scenario.

a)

$$Y = 7.5x - 3$$

James just got a new job. He will make a certain amount of money per hour, but he will also receive a one-time deduction to pay for his new uniform.

Slope: ___ Intercept: ___

Interpretation :

b)

$$y = 0.03x + 25$$

Jay just got his water bill. He has to pay an initial fee for the service, plus an amount per gallon that he uses.

Slope: ___ Intercept: ___

Interpretation :
