

Name: _____

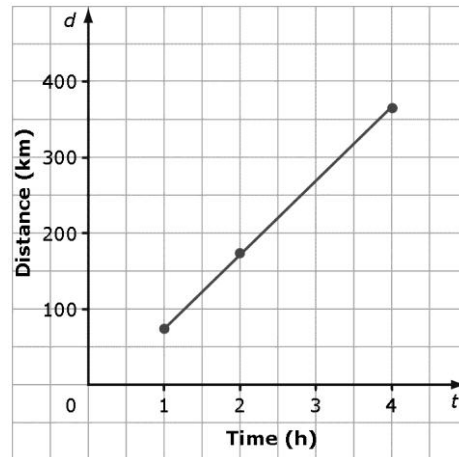
Date: _____

Wksht 6.2

1. a) What is the approximate value of d when $t = 3$? _____

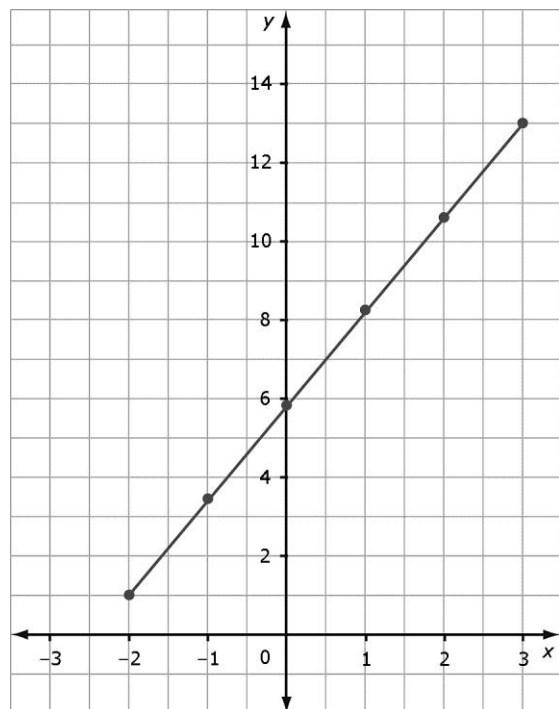
Explain the method you used.

b) What is the approximate value of t when $d = 300$? _____



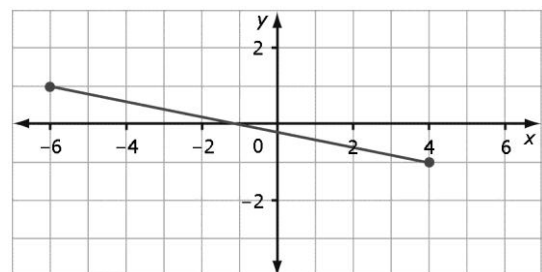
2. a) What is the approximate value of y when $x = -1.5$? _____

b) What is the approximate value of x when $y = 10$? _____



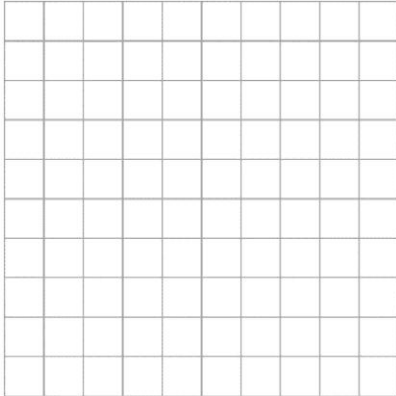
3. a) What is the approximate value of y when $x = 3.5$? _____

b) What is the approximate value of x when $y = 0.5$? _____



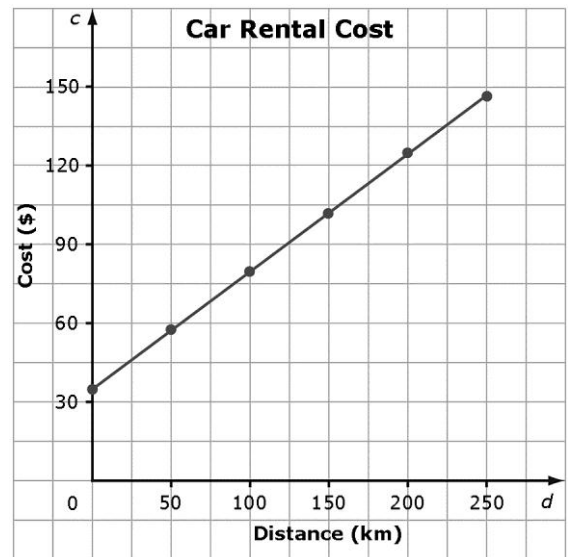
4. a) In the deli section of a grocery store, Greek salad costs \$1.50 per 100 g. Plot the data on a graph.

Mass of Greek Salad, m (g)	100	200	300	400	500
Cost, C (\$)	1.50	3.00	4.50	6.00	7.50



- b) From the graph, determine the cost of 800 g of Greek salad. _____
 c) From the graph, determine how much salad you get for \$10.50. _____

5. A car rental company charges a flat rate of \$35.00 plus \$0.45 per kilometre for renting a car. The graph shows the cost of renting a car based on the number of kilometres driven.



- a) Is it reasonable to interpolate or extrapolate values on this graph? YES NO Explain.

- b) What is the rental cost after driving 300 km? _____
- c) Approximately how many kilometres can be driven for a rental cost of \$115? _____