Name: _____ Date: _____

BLM 6–3

Section 6.2 Extra Practice

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

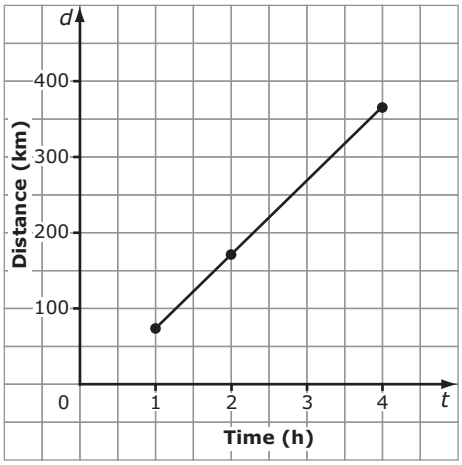
Explain the method you used.

_____

_____

_____

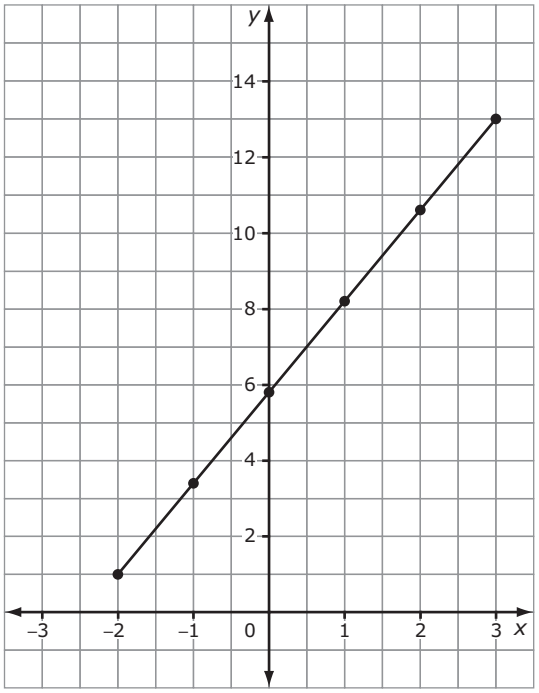
_____



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 $y = 10$? _____



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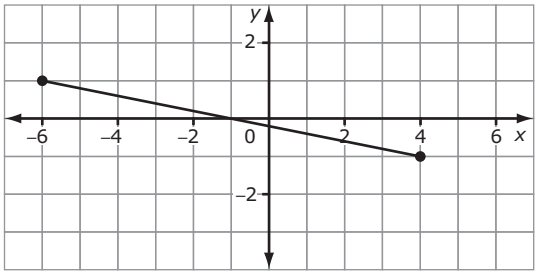
Name: _____ Date: _____

BLM 6–3
(continued)

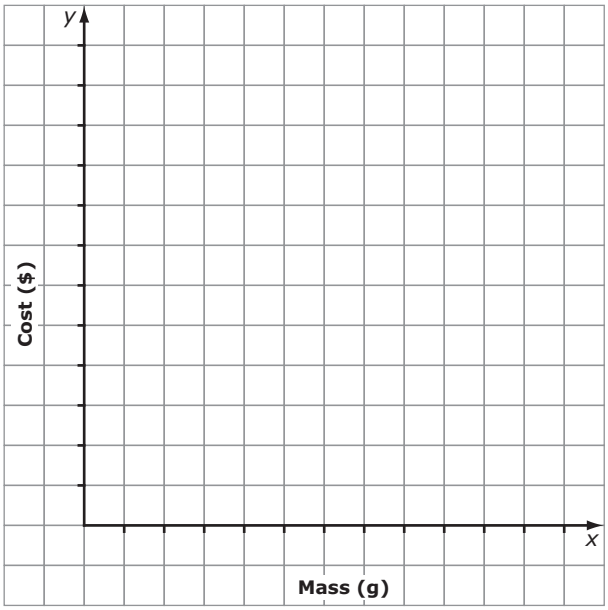
3. a) What is the approximate value of y when $x = 3.5$? _____



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. _____

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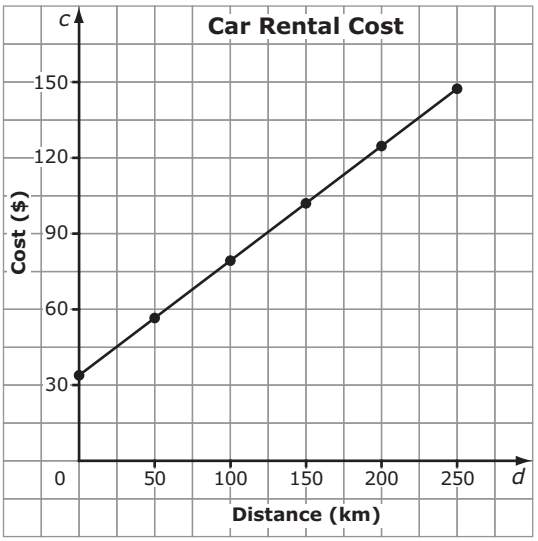
Name: _____ Date: _____

5. A car rental company charges a flat rate of $35.00 to rent a car. The customer is then charged $0.45 for every kilometre driven. 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? Circle YES or NO. Give 1 reason for your answer.

_____

_____

_____

b) What is the rental cost after driving 300 km? _____

c) Approximately how many kilometres can be driven for a rental cost of $115? _____

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