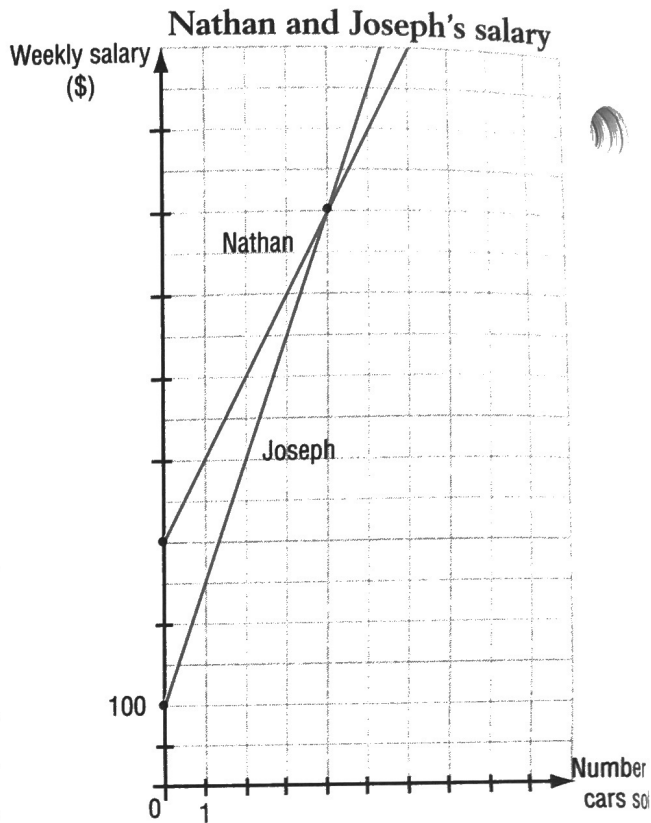


4. Joseph and Nathan are car salesmen at two different dealerships. They each receive a weekly base salary and a commission per car sold.

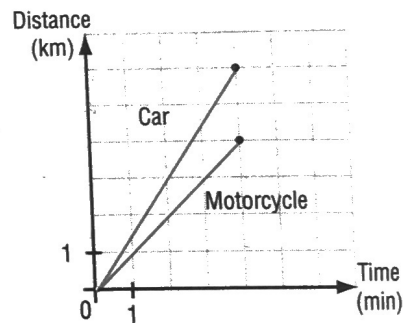
The following graph illustrates the weekly salary of Joseph and of Nathan according to the number of cars sold.

- Which one of the two salesmen receives the better salary when they each sell
 - 2 cars? _____
 - 5 cars? _____
- For what number of cars sold do they receive the same salary? _____
 2. What is this salary? _____
- Analyze this situation by indicating
 - the base salary for each salesman. _____
 - the commission, per car sold, for each salesman. _____

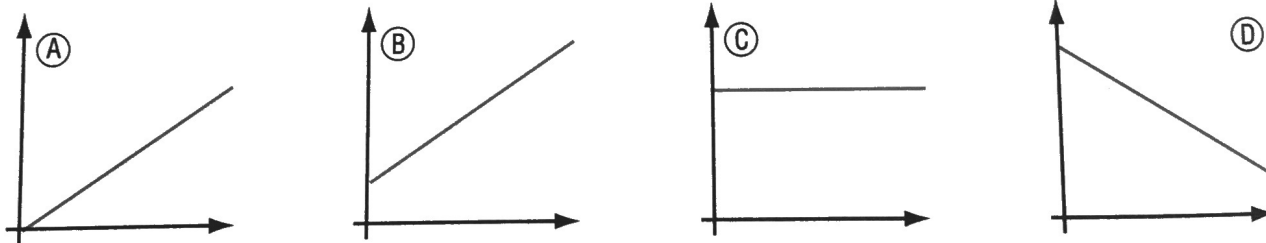


5. A car and a motorcycle are moving at a constant speed on a road for 4 minutes.

- Which one of the two vehicles is going faster? _____
- Express in km/h the speed of
 - the motorcycle. _____
 - the car. _____



6. Consider the graphs below.



Which graph shows the following relations?

- The distance traveled by an Olympic runner and his race time? _____
- The height of a bus driver and the duration of the trip? _____
- The quantity of water in a tank that is leaking and the time that goes by? _____
- The weekly salary of a salesman who receives a commission on his sales and a base salary? _____