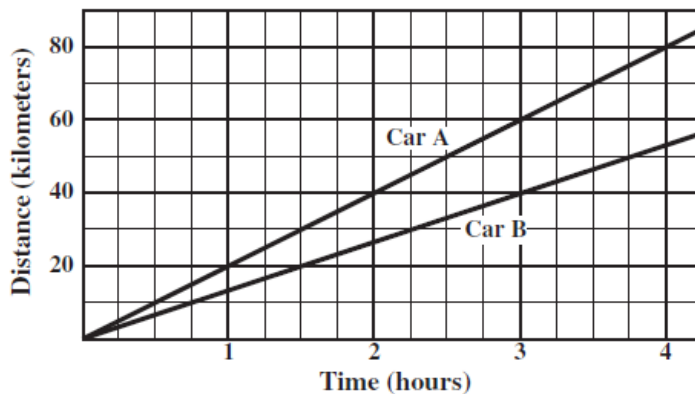


Grade 7 Maths Worksheet

Interpretation of graphs and functional relationships

Questions:

1. The graph below shows information about two cars, A and B.



- According to the graph, what functional relationship is shown here?
- After three hours, how far did each car travel?
- What does the point 0 at the origin tell us in this case?
- How long did it take each car to travel a distance of 50 km?

Grade 7 Maths Worksheet

Solution

1.
 - a) The distance travelled versus the time that expired. (As time increases so will the distance travelled increase.)
 - b) Car A travelled 60 km and Car B travelled 40 km.
 - c) At zero hours the cars have not travelled any distance as yet.
 - d) Car A took $2\frac{1}{2}$ hours and Car B took 3 hours and 45 minutes

It is very important that learners assign meaning to points on graphs and that they interpret the information given on graphs accurately.

Appendix of Assignment Tools

Graphs

Functional relationships