1. John drove for 3 hours at a rate of 80 km per hour and for 2 hours at 96 km per hour. What was his average speed for the whole journey?
2. On Alberto's drive to his aunt's house, the traffic was light, and he drove the 72-km trip in one hour. However, the return trip took his two hours. What was his average speed for the round trip?
3. Distance from A to B  =  320 km,

Distance from B to C  =  480 km,

Distance from C to D  =  864 km

The speed from B to C is 50% more than A to B. The speed from C to D is 50% more than B to C. If the speed from A to B is 64 km per hour,  find the average speed from A to D.

1. Time ( A to B )  =  3 hours,

      Time (B to C )  =  5 hours,

      Time (C to D )  =  6 hours

If the distances from A to B, B to C and C to D are equal and the speed from A to B is 112 km per hour, find the average speed from A to D.