

Speed Time Relationship

1. Two cars were competing in a race. Car A completed the route in 5 hours while Car B only covered 60% of the route in that time. If A's speed was 4 km/h faster than B, find
- (a) the length of the route
 - (b) average speed of Car B.

Ans: (a) _____ (b) _____

2. Ahmad and Ben started running in the same direction, at the same time from Point A. Ahmad ran at an average speed of 3 km/h and reached Point B at 11 a.m. Ben ran at an average speed of 2 km/h and reach Point B 2 hours later. Find the distance between Point A and Point B.

Ans: _____

3. John wants to travel from Town A to Town B. If he travels at 60 km/h, he will arrive at 12.30p.m. If he increases his speed by 20 km/h, he will arrive at 11.45 a.m. How far apart is Town A from Town B?

Ans: _____

4. Joseph started traveling at 8 a.m. for a meeting in school. If he drives at 60 km/h, he will be 15 min late. If he drives at 80 km/h, he will be 5 min early. What time is his meeting in the school?

Ans: _____

5. Ahmad and Bernard travelled from Town A to Town B at 12 km/h and 7 km/h respectively. Ahmad left Town A 1 hour later than Bernard, but arrived at Town B 15 min earlier. Find the distance between the 2 towns.

Ans: _____