

1. The speed of a bus is 72km/hr . The distance covered by the bus in 5 sec?
2. How many minutes does Aditya take to cover a distance of 400m. If he runs at a speed of 20km/hr ?
3. A cyclist covers a distance of 750m in 2 min 30 sec. What is the speed in km/hr of the cyclist?
4. Peter can cover a certain distance in 1hr 24 min by covering two third of the distance at 4kmph and the rest at 5kmph . Find the total distance
5. A man walking at the rate of 5km/hr crosses a bridge in 15min. The length of the bridge (in metres) is?
6. A car travelling at a speed of 40km/hr can complete a journey in 9hr. How long will it take to travel the same distance at 60km/hr ?
7. A man walking at a speed of 10km/hr . After every km he takes a rest of 5 min. How much time will he take to cover a distance of 5km?
8. A motor car starts with the speed of 70km/hr with its speed increasing every two hours by 10kmph . In how many hours will it cover 345kms?
9. A man travelled from the village to the post office at the rate of 25kmph and walked back at the rate of 4kmph . If the whole journey took 5hrs 48 minutes. Find the distance of the post office from the village

10. A farmer travelled a distance of 61km in 9hrs. He travelled partly on foot at 4km/hr and partly at 9km/hr. The distance travelled on foot?

11. Kamal left for the city A from city B at 5:20 am. He travelled at a speed of 80km/hr for 4hr 15 min. After that, the speed was reduced to 60km/hr. If the distance between two cities is 350km, at what time did kamal reach city A

12. The distance between places A and B is 999km. A car leaves place A at 6 am and runs at a speed of 55.5km/hr. The car stops on the way for 1hr 20 min. It reaches B at?

13. A and B travel the same distance at speed of 9km/hr and 10km/hr respectively. If A takes 36 minutes more than B, the distance travelled by each?

14. A man goes to his office by scooter at a speed of 30km/hr and reaches 6 min earlier. If he goes at a speed of 24km/hr, he reaches 5 minutes late. The distance of his office is?

15. When a person cycled at 10km/hr he arrived at his office 6 min late. He arrived 6 min early, when he increased his speed by 2km/hr. The distance of his office from starting place is

16. A boy walking at a speed of 20km/hr reaches his school 30min late. Next day he increases the speed by 4km/hr but still he is late by 10 min. Find the distance of the school from the house?

17. Walking $\frac{6}{7}$ th of his usual speed, a man is 12 min late. The usual time taken by him to cover that distance?

18. A thief spots a policeman 100m away and takes to his heels. If the police man gives a chase immediately, then how far would the thief have run before he is overtaken? The speeds of the thief and policeman are 8kmph and 10kmph respectively?

19. A thief who chased by a policeman was 100m ahead of the policeman initially. If the ratio between speeds of the policeman and thief is 5:4, then how long thief would have covered before he was caught by the policeman?

20. A constable follows a thief who is 200m ahead of the constable. Of the constable and thief runs at speeds of 8kmph and 7kmph respectively. The constable would catch the thief in?

21. A constable is 114m behind a thief. The constable runs 21m and thief 15m in a minute. In what time will the constable catch the thief?

22. A thief is noticed by a policeman from a distance of 200m. The thief starts running and the policeman chases him. The thief and the policeman run at a rate of 10kmph and 11kmph respectively. What is the distance between them after 6minutes

23. A thief steals a car at 1:30pm and drives it off at 40kmph. The theft is discovered at 2pm and the owner sets off in another car at 50kmph. He will overtake the thief at