

Q.1. Walking $\frac{6}{7}$ th of his usual speed, a man is 12 minutes too late. What is the usual time taken by him to cover that distance?

- A. 1 hr 42 min
- B. 1 hr
- C. 2 hr
- D. 1 hr 12 min

Ans - D

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.

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Q.2. A person walking at 4 Kmph reaches his office 8 minutes late. If he walks at 6 Kmph, he reaches there 8 minutes earlier. How far is the office from his house?

- A. $3 \frac{1}{5}$ Km
- B. $2 \frac{1}{5}$ Km
- C. $4 \frac{1}{5}$ Km
- D. $5 \frac{1}{5}$ Km

Ans - A

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.

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Q.3. A runner can complete a 750 m race in two and a half minutes. Will he be able to beat another runner who runs at 17.95 km/hr?

- A. Yes
- B. No
- C. Insufficient Data
- D. None

Ans - A

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.

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Q.4. A speed of a train is 20 meters per second. It can cross a pole in 10 seconds. What is the length of a train?

- A. 150 m
- B. 250 m
- C. 200 m
- D. 300 m

Ans - C

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Q.5. Two trains starting at the same time from 2 stations 200 km apart and going in opposite direction cross each other at a distance of 110 km from one of the stations. What is the ratio of their speeds?

- A. 11:9
- B. 7:3
- C. 18:4
- D. None of these

Ans - A

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.



Q.6. How long will a boy take to run round a square field of side 35 meters, If he runs at the rate of 9 km/hr?

- A. 50 sec
- B. 52 sec
- C. 54 sec
- D. 56 sec

Ans - D

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Q.7. Walking at the rate of 4 kmph a man cover a certain distance in 2 hr 45 min. Running at a speed of 16.5 kmph the man will cover the same distance in.

- A. 12 min
- B. 40 min
- C. 50 min
- D. 60 min

Ans - B

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Q.8. Nancy travelled a distance of 455 km by car in 10 hours. Find the speed of the car.

- A. 25.5 km/hr
- B. 45.5 km/hr
- C. 30 km/hr
- D. 65 km/hr

Ans - B

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Q.9. The speed of a car increases by 2 kms after every one hour. If the distance travelling in the first one hour was 35 kms. what was the total distance travelled in 12 hours?

- A. 456 km
- B. 482 km
- C. 558 km
- D. 552 km

Ans - D

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Q.10. A car covers its journey at the speed of 80km/hr in 10hours. If the same distance is to be covered in 4 hours, by how much the speed of car will have to increase?

- A. 40km/hr
- B. 60km/hr
- C. 90km/hr
- D. 120km/hr

Ans - D

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.

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Q.11. A person goes from A to B at the speed of 40 kmph and comes back at the speed of 60 kmph. What is his average speed for the whole journey?

- A. 56 km/h
- B. 48 km/h
- C. 36 km/h
- D. 25 km/h

Ans - B

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Q.12. A bus moves at a speed of 81 km/h. What is the speed of the bus in meters per second?

- A. 22.65
- B. 22.5
- C. 28.5
- D. 20.5

Ans - B

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.

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Q.13. A car takes 6 hours to cover a distance of 540 Km. how much should the speed in Kmph be maintained to cover the same direction in $\frac{3}{2}$ th of the previous time?

- A. 60 Kmph
- B. 62 Kmph
- C. 75 Kmph
- D. 77 Kmph

Ans - A

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.

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Q.14. Excluding stoppages, the speed of a bus is 54 kmph and including stoppages, it is 45 kmph. For how many minutes does the bus stop per hour?

- A. 9
- B. 10
- C. 12
- D. 20

Ans - B

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.

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Q.15. The ratio between the speeds of two trains is 7: 8. If the second train runs 400 km in 4 hours, then the speed of the first train is?

- A. 83.5 km/hr
- B. 87.5 km/hr
- C. 84.5 km/hr
- D. 86.5 km/hr



Ans - B

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.



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Q.16. A motorboat covers 25 km upstream and 39 km downstream by travelling at the same speed for 8 hours. On another occasion with the same speed, it covers 35 km upstream and 52 km downstream in 11 hours. What is the speed of the stream?

- A. 5 km/hr
- B. 4 km/hr
- C. 3 km/hr
- D. 2 km/hr

Ans - B

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.



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Q.17. A thief is noticed by a policeman from a distance of 200 m. The thief starts running and the policeman chases him. The thief and the policeman run at the rate of 10 km and 11 km per hour respectively. What is the distance between them after 6 minutes?

- A. 50 meter
- B. 110 meter
- C. None of above
- D. 100 meter

Ans - D

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.



Q.18. Wind blows 160 miles in 330min.for 80 miles how much time required

- A. 165
- B. 162
- C. 159
- D. 160

Ans - A

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.

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Q.19. A salesman sold twice as many pears in the afternoon than in the morning. If he sold 360 kilograms of pears that day, how many kilograms did he sell in the morning and how many in the afternoon?

- A. 240
- B. 200
- C. 150
- D. 360

Ans - A

In case of any doubt, check detailed video solution of this question. Video solution is available on Talent Battle dashboard.



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Q.20. A person crosses a 600 m long street in 5 minutes. What is his speed in km per hour?

- A. 3.6
- B. 7.2
- C. 8.4
- D. 10

Ans - B

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