

Q.1. A train travelling at 60 kmph crosses a man in 6 seconds. What is the length of the train?

- A. 100 meters
- B. 150 meters
- C. 200 meters
- D. 250 meters

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.2. A train is 100 meters long and is running at the speed of 30 km per hour. Find the time it will take to pass a man standing at a crossing.

- A. 12 seconds
- B. 16 seconds
- C. 14 seconds
- D. 10 seconds

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 train of length 150 meters takes 40.5 seconds to cross a tunnel of length 300 meters. What is the speed of the train in km/hr?

- A. 13.33
- B. 40
- C. 26.67
- D. 66.67

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.4. A train passes a station platform in 36 seconds and a man standing on the platform in 20 seconds. If the speed of the train is 54 km/hr, what is the length of the platform?

- A. 120m
- B. 240m
- C. 280m
- D. 420m

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.5. A train 200 m long is moving with the speed of 50km per hour. Find the time taken to pass a tree standing near the railway track.

- A. $14 \frac{2}{5}$ seconds
- B. 15 seconds
- C. $16 \frac{1}{2}$ seconds
- D. 17 seconds

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.6. A train of length 250 m runs at a speed of 70 km/hr. What will be the time taken to cross any stationary object standing at the railway station?

- A. 17.23 sec
- B. 20 sec
- C. 9.5 sec
- D. 12.86 sec

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.7. Two trains are moving in opposite directions at 60 km/hr and 90 km/hr. Their lengths are 1.10 km and 0.9 km respectively. The time is taken by the slower train to cross the faster train in seconds is

- A. 48 sec
- B. 52 sec
- C. 58 sec
- D. 66 sec

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.8. If the speed of a train is 20 m/sec, find the speed the train in kmph.

- A. 84 kmph
- B. 72 kmph
- C. 68 kmph
- D. 55 kmph

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.9. A man's speed with the current is 15 km/hr and the speed of the current is 2.5 km/hr. The man's speed against the current is :

- A. 9.5 km/hr
- B. 10 km/hr
- C. 10.5 km/hr
- D. 11 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.10. A train running at the speed of 60 km/hr crosses a pole in 9 seconds. What is the length of the train?

- A. 120m
- B. 150m
- C. 160m
- D. 185m

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.11. A 400m long train is running at 72 Kmph. how much time it will take to cross an electric pole?

- A. 15sec
- B. 20sec
- C. 19sec
- D. 21sec

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.12. A train covers a distance of 12 km in 10 minutes. If it takes 6 seconds to pass a telegraph post, then the length of the train is:

- A. 90 m
- C. 120 m
- B. 100 m
- D. 140 m

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 train running at the speed of 60 km/hr crosses a pole in 9 seconds. Find the length of the train

- A. 150 meter
- B. 145 meter
- C. 140 meter
- D. 135 meter

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. A train having a length of 240 meter passes a post in 24 seconds. How long will it take to pass a platform having a length of 650 meters?

- A. 120 seconds
- B. 99 seconds
- C. 89 seconds
- D. 80 seconds

Ans - C

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. Two trains are running in opposite directions in the same speed. The length of each train is 120 meter. If they cross each other in 12 seconds, the speed of each train (in km/hr) is

- A. 42
- B. 36
- C. 28
- D. 20



Ans - B

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

Q.16. How long does a train 110 meters long running at the speed of 72 km/hour take to cross a bridge 132 meters in length?

- A. 15 seconds
- B. 12.1 seconds
- C. 10 seconds
- D. 8.1 seconds

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 train 125 m long passes a man, running at 5 km/hr in the same direction in which the train is going, in 10 seconds. The speed of the train is:

- A. 49 km/hr
- B. 50 km/hr
- C. 51 km/hr
- D. 52 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.18. A train 240 m long passes a pole in 24 seconds. How long will it take to pass a platform 650 m long?

- A. 65 sec
- B. 89 sec
- C. 100 sec
- D. 150 sec

Ans - B

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Q.19. The distance between two places A and B is 570 km. A train starts from A at 50 kmph at 6 am and another starts from B at 80 kmph at 7 am towards each other. At what time will they meet?

- A. 11 am
- B. 3 pm
- C. 8 am
- D. 10 am

Ans - A

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



Q.20. A train runs with a speed of 200 km/hour. What will be its speed in m/sec?

- A. 50 m/sec
- B. 55.55 m/sec
- C. 48 m/sec
- D. 66.66 m/sec

Ans - B

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