

EduSahara™ Learning Center Assignment**Grade : Class VII, ICSE****Chapter : Time and Distance****Name : Time and Distance****Licensed To : Teachers and Students for non-commercial use**

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1. If the speed of a vehicle is 5.87 kmph, how much distance will it travel in 31.33 hrs?
(i) 183.91 km (ii) 181.91 km (iii) 184.91 km (iv) 182.91 km (v) 185.91 km
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2. If the speed of a vehicle is 10.30 m/sec, how much distance will it travel in 46.63 sec?
(i) 480.29 mt (ii) 479.29 mt (iii) 478.29 mt (iv) 482.29 mt (v) 481.29 mt
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3. If a vehicle travels 141.07 km in 41.86 hrs, what is the speed of the vehicle?
(i) 2.37 kmph (ii) 5.37 kmph (iii) 4.37 kmph (iv) 3.37 kmph (v) 1.37 kmph
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4. If a vehicle travels 177.25 mt in 49.79 sec, what is the speed of the vehicle?
(i) 1.56 m/sec (ii) 2.56 m/sec (iii) 4.56 m/sec (iv) 5.56 m/sec (v) 3.56 m/sec
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5. If the speed of a vehicle is 4.61 kmph, how much time will it take to travel 183.25 km?
(i) 41.75 hrs (ii) 38.75 hrs (iii) 39.75 hrs (iv) 40.75 hrs (v) 37.75 hrs
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6. If the speed of a vehicle is 6.09 m/sec, how much time will it take to travel 301.82 mt?
(i) 51.56 sec (ii) 50.56 sec (iii) 49.56 sec (iv) 47.56 sec (v) 48.56 sec
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7. If a train travels 125.73 mt in 28.97 sec, how much distance it covers in 19.90 sec?
(i) 84.37 mt (ii) 86.37 mt (iii) 88.37 mt (iv) 87.37 mt (v) 85.37 mt
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8. If a train travels 357.82 mt in 14.01 sec, what time it takes to travel 459.60 mt?
(i) 19.00 sec (ii) 16.00 sec (iii) 20.00 sec (iv) 17.00 sec (v) 18.00 sec
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9. If a train covers a certain distance at a speed of 13.73 m/sec in 23.33 sec, what should be the speed to cover the same distance in 12.63 sec?
(i) 27.36 m/sec (ii) 26.36 m/sec (iii) 24.36 m/sec (iv) 25.36 m/sec (v) 23.36 m/sec
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10. A train covers a certain distance at a speed of 8.38 m/sec in 40.82 sec. If it travels at 7.51 m/sec, in what time it covers the same distance ?
(i) 45.54 sec (ii) 43.54 sec (iii) 46.54 sec (iv) 47.54 sec (v) 44.54 sec
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11. If a train travelling at 3.35 m/sec speed covers 136.61 mt distance in a certain time, at what speed should it travel to cover 207.98 mt distance in the same time ?
(i) 6.10 m/sec (ii) 3.10 m/sec (iii) 7.10 m/sec (iv) 5.10 m/sec (v) 4.10 m/sec
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12. If a train travelling at 10.29 m/sec speed covers 484.56 mt distance in a certain time, how much distance will it cover in the same time at speed 9.21 m/sec?
(i) 431.70 mt (ii) 434.70 mt (iii) 432.70 mt (iv) 433.70 mt (v) 435.70 mt
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- A train travels some distance at a speed of 11.36 m/sec for 44.20 sec, some more distance
13. at a speed of 3.70 m/sec for 48.79 sec and the remaining distance at a speed of 2.32 m/sec for 47.32 sec. What is the average speed of the train?
(i) 7.65 m/sec (ii) 4.65 m/sec (iii) 5.65 m/sec (iv) 6.65 m/sec (v) 3.65 m/sec
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- A train travels some distance at a speed of 4.18 m/sec for 24.42 sec, some more distance at
14. a speed of 7.27 m/sec for 29.08 sec and the remaining distance at a speed of 3.94 m/sec for 39.76 sec. What is the total distance covered?
(i) 471.14 mt (ii) 469.14 mt (iii) 470.14 mt (iv) 472.14 mt (v) 468.14 mt
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- A train travels 496.60 mt distance at 15.37 m/sec, 152.65 mt distance at 3.25 m/sec and
15. 438.02 mt distance at 11.80 m/sec. What is the average speed of the train?
(i) 10.34 m/sec (ii) 7.34 m/sec (iii) 8.34 m/sec (iv) 9.34 m/sec (v) 11.34 m/sec
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- A train travels 293.09 mt distance at 5.99 m/sec, 222.24 mt distance at 4.57 m/sec and
16. 300.80 mt distance at 10.04 m/sec. What is the total time travelled by the train?
(i) 125.52 sec (ii) 126.52 sec (iii) 128.52 sec (iv) 127.52 sec (v) 129.52 sec
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- A train travels 143.61 mt distance for 24.30 sec, 477.36 mt distance for 23.32 sec and
17. 204.30 mt distance for 18.16 sec. What is the average speed of the train?
(i) 11.55 m/sec (ii) 13.55 m/sec (iii) 10.55 m/sec (iv) 12.55 m/sec (v) 14.55 m/sec
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- In how much time, a train of length 281.58 mt travelling at a speed of 7.01 m/sec will cross
18. a platform of length 130.87 mt?
(i) 56.85 sec (ii) 60.85 sec (iii) 57.85 sec (iv) 58.85 sec (v) 59.85 sec
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- In how much time, a train of length 244.84 mt travelling at a speed of 8.67 m/sec will cross
19. a pole?
(i) 27.24 sec (ii) 28.24 sec (iii) 26.24 sec (iv) 30.24 sec (v) 29.24 sec
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- In how much time will a train A of length 508.02 mt travelling at a speed of 13.66 m/sec
20. will cross another train B of length 257.94 mt travelling in the same direction at a speed of 5.19 m/sec?

(i) 89.43 sec (ii) 90.43 sec (iii) 91.43 sec (iv) 88.43 sec (v) 92.43 sec

21. In how much time will a train A of length 299.39 mt travelling at a speed of 13.88 m/sec will cross another train B of length 391.24 mt travelling in the opposite direction at a speed of 11.22 m/sec?

(i) 25.52 sec (ii) 26.52 sec (iii) 28.52 sec (iv) 29.52 sec (v) 27.52 sec

22. In how much time will a train of length 247.36 mt travelling at a speed of 12.91 m/sec crosses a man riding a cycle in the same direction at a speed of 9.61 m/sec?

(i) 73.96 sec (ii) 72.96 sec (iii) 75.96 sec (iv) 76.96 sec (v) 74.96 sec

23. In how much time will a train of length 450.41 mt travelling at a speed of 20.92 m/sec crosses a man riding a cycle in the opposite direction at a speed of 5.15 m/sec?

(i) 17.28 sec (ii) 19.28 sec (iii) 16.28 sec (iv) 15.28 sec (v) 18.28 sec

24. A train crosses a telegraph post in 23.53 sec and a bridge 1359.24 mt long in 55.58 sec. What is the length of the train?

(i) 996.91 mt (ii) 999.91 mt (iii) 995.91 mt (iv) 998.91 mt (v) 997.91 mt

25. A train crosses a telegraph post in 20.63 sec and a bridge 569.73 mt long in 44.29 sec. What is the speed of the train?

(i) 22.08 m/sec (ii) 23.08 m/sec (iii) 25.08 m/sec (iv) 24.08 m/sec (v) 26.08 m/sec

Assignment Key

- 1) (i)
- 2) (i)
- 3) (iv)
- 4) (v)
- 5) (iii)
- 6) (iii)
- 7) (ii)
- 8) (v)
- 9) (iv)
- 10) (i)
- 11) (iv)
- 12) (iv)
- 13) (iii)
- 14) (iii)
- 15) (iv)
- 16) (iv)
- 17) (iv)
- 18) (iv)
- 19) (ii)
- 20) (ii)
- 21) (v)
- 22) (v)
- 23) (i)
- 24) (v)
- 25) (iv)