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| 1. | A person crosses a 600 m long street in 5 minutes. What is his speed in km per hour? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 3.6 | | [**B.**](javascript:%20void%200;) | 7.2 | | [**C.**](javascript:%20void%200;) | 8.4 | | [**D.**](javascript:%20void%200;) | 10 |   [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/aptitude/time-and-distance/discussion-434) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 2. | An aeroplane covers a certain distance at a speed of 240 kmph in 5 hours. To cover the same distance in 1 hours, it must travel at a speed of: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 300 kmph | | [**B.**](javascript:%20void%200;) | 360 kmph | | [**C.**](javascript:%20void%200;) | 600 kmph | | [**D.**](javascript:%20void%200;) | 720 kmph |   [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/aptitude/time-and-distance/discussion-436) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 3. | If a person walks at 14 km/hr instead of 10 km/hr, he would have walked 20 km more. The actual distance travelled by him is: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 50 km | | [**B.**](javascript:%20void%200;) | 56 km | | [**C.**](javascript:%20void%200;) | 70 km | | [**D.**](javascript:%20void%200;) | 80 km |   [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/aptitude/time-and-distance/discussion-446) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 4. | A train can travel 50% faster than a car. Both start from point A at the same time and reach point B 75 kms away from A at the same time. On the way, however, the train lost about 12.5 minutes while stopping at the stations. The speed of the car is: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 100 kmph | | [**B.**](javascript:%20void%200;) | 110 kmph | | [**C.**](javascript:%20void%200;) | 120 kmph | | [**D.**](javascript:%20void%200;) | 130 kmph |   [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/aptitude/time-and-distance/discussion-443) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 5. | 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.**](javascript:%20void%200;) | 9 | | [**B.**](javascript:%20void%200;) | 10 | | [**C.**](javascript:%20void%200;) | 12 | | [**D.**](javascript:%20void%200;) | 20 | |
| 6. | In a flight of 600 km, an aircraft was slowed down due to bad weather. Its average speed for the trip was reduced by 200 km/hr and the time of flight increased by 30 minutes. The duration of the flight is: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 1 hour | | [**B.**](javascript:%20void%200;) | 2 hours | | [**C.**](javascript:%20void%200;) | 3 hours | | [**D.**](javascript:%20void%200;) | 4 hours |   [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/aptitude/time-and-distance/discussion-447) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 7. | A man complete a journey in 10 hours. He travels first half of the journey at the rate of 21 km/hr and second half at the rate of 24 km/hr. Find the total journey in km. |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 220 km | | [**B.**](javascript:%20void%200;) | 224 km | | [**C.**](javascript:%20void%200;) | 230 km | | [**D.**](javascript:%20void%200;) | 234 km |   [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/aptitude/time-and-distance/discussion-437) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 8. | 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.**](javascript:%20void%200;) | 70 km/hr | | [**B.**](javascript:%20void%200;) | 75 km/hr | | [**C.**](javascript:%20void%200;) | 84 km/hr | | [**D.**](javascript:%20void%200;) | 87.5 km/hr |   [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/aptitude/time-and-distance/discussion-435) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 9. | A man on tour travels first 160 km at 64 km/hr and the next 160 km at 80 km/hr. The average speed for the first 320 km of the tour is: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 35.55 km/hr | | [**B.**](javascript:%20void%200;) | 36 km/hr | | [**C.**](javascript:%20void%200;) | 71.11 km/hr | | [**D.**](javascript:%20void%200;) | 71 km/hr |   [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/aptitude/time-and-distance/discussion-439) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 10. | A car travelling with  of its actual speed covers 42 km in 1 hr 40 min 48 sec. Find the actual speed of the car. |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | |  |  |  | | --- | --- | --- | | 17 | 6 | km/hr | | 7 | | | [**B.**](javascript:%20void%200;) | 25 km/hr | | [**C.**](javascript:%20void%200;) | 30 km/hr | | [**D.**](javascript:%20void%200;) | 35 km/hr | |
| 11. | In covering a distance of 30 km, Abhay takes 2 hours more than Sameer. If Abhay doubles his speed, then he would take 1 hour less than Sameer. Abhay's speed is: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 5 kmph | | [**B.**](javascript:%20void%200;) | 6 kmph | | [**C.**](javascript:%20void%200;) | 6.25 kmph | | [**D.**](javascript:%20void%200;) | 7.5 kmph |   [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/aptitude/time-and-distance/discussion-445) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 12. | Robert is travelling on his cycle and has calculated to reach point A at 2 P.M. if he travels at 10 kmph, he will reach there at 12 noon if he travels at 15 kmph. At what speed must he travel to reach A at 1 P.M.? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 8 kmph | | [**B.**](javascript:%20void%200;) | 11 kmph | | [**C.**](javascript:%20void%200;) | 12 kmph | | [**D.**](javascript:%20void%200;) | 14 kmph |   [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/aptitude/time-and-distance/discussion-441) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 13. | It takes eight hours for a 600 km journey, if 120 km is done by train and the rest by car. It takes 20 minutes more, if 200 km is done by train and the rest by car. The ratio of the speed of the train to that of the cars is: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 2 : 3 | | [**B.**](javascript:%20void%200;) | 3 : 2 | | [**C.**](javascript:%20void%200;) | 3 : 4 | | [**D.**](javascript:%20void%200;) | 4 : 3 |   [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/aptitude/time-and-distance/discussion-448) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 14. | A farmer travelled a distance of 61 km in 9 hours. He travelled partly on foot @ 4 km/hr and partly on bicycle @ 9 km/hr. The distance travelled on foot is: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 14 km | | [**B.**](javascript:%20void%200;) | 15 km | | [**C.**](javascript:%20void%200;) | 16 km | | [**D.**](javascript:%20void%200;) | 17 km |   [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/aptitude/time-and-distance/discussion-438) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 15.   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | 1. | |  |  | | --- | --- | | Two towns are connected by railway. Can you find the distance between them? | | | I. | The speed of the mail train is 12 km/hr more than that of an express train. | | II. | A mail train takes 40 minutes less than an express train to cover the distance. | | | |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | I alone sufficient while II alone not sufficient to answer | | [**B.**](javascript:%20void%200;) | II alone sufficient while I alone not sufficient to answer | | [**C.**](javascript:%20void%200;) | Either I or II alone sufficient to answer | | [**D.**](javascript:%20void%200;) | Both I and II are not sufficient to answer | | [**E.**](javascript:%20void%200;) | Both I and II are necessary to answer |   [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/aptitude/time-and-distance/discussion-450) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | 2. | |  |  | | --- | --- | | The towns A, B and C are on a straight line. Town C is between A and B. The distance from A to B is 100 km. How far is A from C? | | | I. | The distance from A to B is 25% more than the distance from C to B. | | II. | The distance from A to C is  of the distance C to B. | | | |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | I alone sufficient while II alone not sufficient to answer | | [**B.**](javascript:%20void%200;) | II alone sufficient while I alone not sufficient to answer | | [**C.**](javascript:%20void%200;) | Either I or II alone sufficient to answer | | [**D.**](javascript:%20void%200;) | Both I and II are not sufficient to answer | | [**E.**](javascript:%20void%200;) | Both I and II are necessary to answer |   [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/aptitude/time-and-distance/discussion-451) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | 3. | |  |  | | --- | --- | | Two cars pass each other in opposite direction. How long would they take to be 500 km apart? | | | I. | The sum of their speeds is 135 km/hr. | | II. | The difference of their speed is 25 km/hr. | | | |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | I alone sufficient while II alone not sufficient to answer | | [**B.**](javascript:%20void%200;) | II alone sufficient while I alone not sufficient to answer | | [**C.**](javascript:%20void%200;) | Either I or II alone sufficient to answer | | [**D.**](javascript:%20void%200;) | Both I and II are not sufficient to answer | | [**E.**](javascript:%20void%200;) | Both I and II are necessary to answer |   [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/aptitude/time-and-distance/discussion-452) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | 4. | |  |  | | --- | --- | | How much time did X take to reach the destination? | | | I. | The ratio between the speed of X and Y is 3 : 4. | | II. | Y takes 36 minutes to reach the same destination. | | | |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | I alone sufficient while II alone not sufficient to answer | | [**B.**](javascript:%20void%200;) | II alone sufficient while I alone not sufficient to answer | | [**C.**](javascript:%20void%200;) | Either I or II alone sufficient to answer | | [**D.**](javascript:%20void%200;) | Both I and II are not sufficient to answer | | [**E.**](javascript:%20void%200;) | Both I and II are necessary to answer | | | A man covered a certain distance at some speed. Had he moved 3 kmph faster, he would have taken 40 minutes less. If he had moved 2 kmph slower, he would have taken 40 minutes more. The distance (in km) is: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 35 | | [**B.**](javascript:%20void%200;) | |  |  | | --- | --- | | 36 | 2 | | 3 | | | [**C.**](javascript:%20void%200;) | |  |  | | --- | --- | | 37 | 1 | | 2 | | | [**D.**](javascript:%20void%200;) | 40 | |