Time, Distance and Work Practice

# 30 Minutes – (Don’t skip any questions)

1. A can complete a project in days and B can complete the same project in days. If A and B start working on the project together and A quits days before the project is completed, in how many days will the project be completed?

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1. Steve traveled the first hours of his journey at mph and the remaining hours of his journey at mph. What is his average speed for the entire journey in mph?

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1. Jane covered a distance of miles between city A and city taking a total of hours. If part of the distance was covered at miles per hour speed and the balance at miles per hour speed, how many hours did she travel at miles per hour?

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1. Jim travels the first hours of his journey at mph speed and the remaining hours at mph speed. What is the average speed of Jim's travel in mph?

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1. Ram, who is half as efficient as Krish, will take days to complete a work if he worked alone. If Ram and Krish worked together, how long (in days) will they take to complete the work?

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1. The length of a rope, to which a cow is tied, is increased from to . How much additional ground (in sq. meters) will it be able to graze? Assume that the cow is able to move on all sides with equal ease.

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1. The area of a square field is . How long will a lady take to cross the field diagonally at the rate of ?

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1. A wheel of a car of radius is rotating at . What is the speed of the car in ?

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1. A man riding a cycle at can reach a village in . If he is delayed by at the start, then in order to reach his destination in time, he should ride with a speed of

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1. Renu rides at the rate of but stops for to take rest at her end of every . How many hours will she take to cover ?

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1. The ratio between the rates of walking of A and B is . If the time taken by B to cover a certain distance is , the time taken (in minutes) by A to cover that distance is

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1. A certain distance is covered in certain time. If half of this distance is covered in double the time, the ratio of the two speeds is:

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1. A is twice as fast as B and B is thrice as fast as C. The journey covered by C in will be covered by A in how many minutes

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1. Two buses travel to a place at and respectively. If the second bus takes less than the first for the journey, the length of the journey (in km) is:

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1. A car travels a distance of at a uniform speed. If the speed of the car is more, then it takes less to cover the same distance. The original speed of the car (in ) is;

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