Codeyoung

Application_Grade-5_Percentages & Unitary Method

Application of the Unitary Method

A) The distance covered and the speed are given. Find the time taken.

1) Distance = 529 miles, Speed = 23 mph

2) Distance = 20 miles, Speed = 5 mph

Time = _____

Time = _____

3) Distance = 1,296 miles, Speed = 54 mph

4) Distance = 99 miles, Speed = 33 mph

Time = _____

Time = _____

B) 1) How long does it take to cover 182 miles at a speed of 14 mph?

    a) 15 hours   b) 13 hours   c) 18 hours   d) 16 hours

2) If you travel at a speed of 100 mph, how long does it take to cover 1,000 miles?

    a) 10 hours   b) 12 hours   c) 14 hours   d) 11 hours

C) Calculate the time taken using the speed and distance, and complete the table.

Distance	84 miles		
Speed	12 mph	6 mph	28 mph
Time			

4. If the annual rent of a flat is Rs. 3600, calculate the rent of 7 months.

5. If 56 books weigh 8 Kg, calculate the weight of 152 books.

6. Rakesh completes 5/8 of a job in 20 days. How many more days will he take to finish the job at his current rate?

7. If a distance of 28 miles is covered in 7 hours, what is the speed?

8. If it takes 12 hours to cover 120 miles, how much is the speed?

9. In a race , Ram covers 5 km in 20 min. How much distance will he cover in 100 min ?

10. If cost of 15 eggs is Rs. 75, then find out the cost of 4 dozens eggs.