

8 CLASS MATH TUITION ASSIGNMENT

Assignment – 13

Chapter = Direct and Inverse Proportions

MM = 20

[Note: Solve the Questions using the Formula only]

Q1. Anupama takes 125 minutes in walking a distance of 100 metre. What distance would she cover in 315 minutes?

Q2. If the cost of 93 m of a certain kind of plastic sheet Rs 1395, then what would it cost to buy 105 m of such plastic sheet?

Q3. A car is travelling at the average speed of 50 km/hr. How much distance would it travel in 12 minutes?

Q4. 68 boxes of certain commodity require a shelf-length of 13.6 m. How many boxes of the same commodity would occupy a shelf length of 20.4m?

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Q5. In a library 136 copies of a certain book require a shelf-length of 3.4 metre. How many copies of the same book would occupy a shelf length of 5.1 metres?

Q6. The second class railway fare for 240 km of Journey is Rs 15.00. What would be the fare for a Journey of 139.2 km?

Q7. If the thickness of a pile of 12 cardboards is 35 mm, find the thickness of a pile of 294 cardboards.

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Q8. . The cost of 97 metre of cloth is Rs 242.50 What length of this can be purchased for Rs 302.50?

Q9. . In 15 days, the earth picks up 1.2×10^8 kg of dust from the atmosphere. In how many days it will pick up 4.8×10^8 kg of dust?

Q10. A work-force of 420 men with a contractor can finish a certain piece of work in 9 months. How many extra men must he employ to complete the job in 7 months?