



Ratio Proportion and Unitary Method Ex 9.4 Q1

**Answer :**

Price of 3 metres of cloth = Rs. 79.50

Price of 1 metre of cloth =  $\frac{79.50}{3} = \text{Rs. } 26.5$

Price of 15 metres of cloth =  $26.5 \times 15 = \text{Rs. } 397.50$

Ratio Proportion and Unitary Method Ex 9.4 Q2

**Answer :**

Number of chairs purchased for Rs. 9,605 = 17

Number of chairs purchased for Rs. 1 =  $\frac{17}{9605}$

Number of chairs purchased for Rs. 56,500 =  $\frac{17}{9605} \times 56500 = 100$

Ratio Proportion and Unitary Method Ex 9.4 Q3

**Answer :**

Number of people needed to carry 3 ferryloads across a river = 150

Number of people needed to carry 1 ferryload across a river =  $\frac{150}{3} = 50$

Number of people needed to carry 4 ferryloads across a river =  $50 \times 4 = 200$

Ratio Proportion and Unitary Method Ex 9.4 Q4

**Answer :**

Cost of 9 kg rice = Rs. 120.60

Cost of 1 kg rice =  $\frac{120.60}{9} = \text{Rs. } 13.4$

Cost of 50 kg rice =  $13.4 \times 50 = \text{Rs. } 670$

Ratio Proportion and Unitary Method Ex 9.4 Q5

**Answer :**

Distance covered by the train in 5 hours = 200 km

Distance covered by the train in 1 hour =  $\frac{200}{5} = 40$  km

Distance covered by the train in 7 hours =  $40 \times 7 = 280$  km

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