

**Class 5 Maths**  
**Unitary Method**

**Solve the following:**

1. 2 school bags cost Rs. 276. Find the cost of 88 such bags.
2. Mike can walk 128 km in 16 hours. What distance can he walk in 3 hours?
3. If 6 tickets cost Rs. 1,494. How much would 2 tickets cost?
4. If 15 litres of juice cost Rs. 375. How much would 7 litres cost?
5. Pavithra earns Rs. 840 in a week. How much will he earn in 36 days?
6. Nisha has ₹ 1000 with her. She wants to buy petrol. One litre of petrol costs ₹95. How many litres of petrol she can buy?
7. The cost of a dozen of bananas is ₹96. What will be the cost of 19 bananas?
8. The cost of 30 m of cloth is ₹900. Find the cost of 45 m of cloth.
9. The capacity of an oil tanker is 9,750 litres. How many litres of oil can be carried by 20 such oil tankers.
10. In a cricket stadium 30,000 people arrived in 3 hours. How many people arrived in 1 hour and 30 mins?

## Answers/Solutions

## 1. Cost of School Bags

Cost of 2 bags = ₹276

Cost of 1 bag

$$= 276 \div 2$$

$$= ₹138$$

Cost of 88 bags

$$= 138 \times 88$$

$$= ₹12,144$$

## 2. Distance Walked by Mike

Distance in 16 hours = 128 km

Distance in 1 hour

$$= 128 \div 16$$

$$= 8 \text{ km}$$

Distance in 3 hours

$$= 8 \times 3$$

$$= 24 \text{ km}$$

## 3. Cost of Tickets

Cost of 6 tickets = ₹1,494

Cost of 1 ticket

$$= 1494 \div 6$$

$$= ₹249$$

Cost of 2 tickets

$$= 249 \times 2$$

$$= ₹498$$

4. Cost of Juice

Cost of 15 litres = ₹375

Cost of 1 litre

$$= 375 \div 15$$

$$= ₹25$$

Cost of 7 litres

$$= 25 \times 7$$

$$= ₹175$$

5. Earnings of Pavithra

Earnings in 7 days = ₹840

Earnings in 1 day

$$= 840 \div 7$$

$$= ₹120$$

Earnings in 36 days

$$= 120 \times 36$$

$$= ₹4,320$$

6. Petrol Purchase

Cost of 1 litre petrol = ₹95

Money available = ₹1000

Litres she can buy

$$= 1000 \div 95$$

$$= 10 \text{ litres}$$

$$\text{Cost of 10 litres} = 950$$

$$\text{Money left} = ₹50$$

### 7. Cost of Bananas

$$\text{Cost of 12 bananas} = ₹96$$

$$\text{Cost of 1 banana}$$

$$= 96 \div 12$$

$$= ₹8$$

$$\text{Cost of 19 bananas}$$

$$= 19 \times 8$$

$$= ₹152$$

### 8. Cost of Cloth

$$\text{Cost of 30 m cloth} = ₹900$$

$$\text{Cost of 1 m cloth}$$

$$= 900 \div 30$$

$$= ₹30$$

$$\text{Cost of 45 m cloth}$$

$$= 45 \times 30$$

$$= ₹1,350$$

### 9. Oil in Tankers

$$\text{Capacity of 1 tanker} = 9,750 \text{ litres}$$

$$\text{Oil carried by 20 tankers}$$

$$= 9,750 \times 20$$

$$= 1,95,000 \text{ litres}$$

### 10. People in Stadium

$$\text{People in 3 hours} = 30,000$$

$$\text{People in 1 hour}$$

$$= 30,000 \div 3$$

$$= 10,000$$

$$\text{Time} = 1 \text{ hour } 30 \text{ minutes} = 1.5 \text{ hours}$$

$$\text{People in 1.5 hours}$$

$$= 10,000 \times 1.5$$

$$= 15,000 \text{ people}$$

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