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5. A taxidriver filled his car petrol tank with 40 litres of petrol on Monday. The next day, he filled the tank with 50 litres of petrol. If the petrol costs ₹ 44 per litre, how much did he spend in all on petrol?

Solutions:

Petrol quantity filled on Monday = 40 litres

Petrol quantity filled on Tuesday = 50 litres

Total petrol quantity filled = (40 + 50) litre

Cost of petrol per litre = ₹ 44

Total money spent = $44 \times (40 + 50)$

= 44×90

= ₹ 3960

6. A vendor supplies 32 litres of milk to a hotel in the morning and 68 litres of milk in the evening. If the milk costs ₹ 45 per litre, how much money is due to the vendor per day?

Solutions:

Milk quantity supplied in the morning = 32 litres

Milk quantity supplied in the evening = 68 litres

Cost of milk per litre = ₹ 45

Total cost of milk per day = $45 \times (32 + 68)$

= 45×100

= ₹ 4500

Hence, the money is due to the vendor per day is ₹ 4500

7. Match the following:

(i) $425 \times 136 = 425 \times (6 + 30 + 100)$ (a) Commutativity under multiplication.

(ii) $2 \times 49 \times 50 = 2 \times 50 \times 49$ (b) Commutativity under addition.

(iii) $80 + 2005 + 20 = 80 + 20 + 2005$ (c) Distributivity of multiplication over addition.

Class :-06(Maths)

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