

6/2.2/05

Q5 A taxi driver 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?

Ans. Petrol bought on Monday = 40 l.
Petrol bought on Tuesday = 50 l.

Money spent

$$= \text{Rs. } (40 \times 44) + (50 \times 44)$$

$$= \text{Rs. } 44 \times (40 + 50)$$

$$= \text{Rs. } 44 \times 90$$

$$= \text{Rs. } 3960$$

Money spent on Petrol = Rs. 3960.