Conditions

cost of an article is 1800, which is 40% below the marked price. If the article is sold at a discount of 25%. find (i) marked price (ii) selling price (iii) profit percent.

Solution

Market price:

$$1800 \cdot (100 - 40)\% = 1080$$

The discount of 25% (selling price):

$$1800 \cdot (100 - 25)\% = 1350$$

Profit percent:

$$\left(1 - \frac{1350}{1080}\right) \cdot 100\% = 25\%$$