

Percentage

(A) M.C.Q

1. 1.14 expressed as a percent of 1.9 is
(a) 6% (b) 10% (c) 60% (d) 90%
2. Half percent, written as a decimal, is
(a) 0.2 (b) 0.02 (c) .005 (d) 0.05
3. The cost of a book was ₹200. If 20% discount is given, then the price of the book will be

(a) ₹240 (b) ₹140 (c) ₹160 (d) ₹40

4. Each side of a rectangular field is diminished by 40%. By how much per cent the area of the field is diminished?
(a) 32% (b) 64% (c) 25% (d) 16%

If A's salary is 25% more than B's salary, then B's salary is how much lower than A's salary?

(a) $33\frac{1}{3}\%$ (b) 25% (c) 20% (d) $16\frac{2}{3}\%$

- (B) Solve the problems with proper steps:
1. 80% of a number added to 80 gives the result as the number itself. What is the number?

2. In an exam, 5% of the applicants were found ineligible and 85% of the eligible candidates belonged to the general category. If 4275 eligible candidates belonged to other category, then how many candidates applied for the examination?

3. Three candidates contested an election and received 1136, 7636, 11628 votes respectively. What percentage of total votes did the winning candidate get?

4. Fresh grapes contain 80% while dry grapes contain 10% water. If the weight of dry grapes is 250 kg, then what was its total weight when it was fresh?

5. If a% of x is equal to b% of y, then b% of x is what % of y?

