Gain lost Percentage

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Vedic Mathematics

1) If the cost price of 10 articles is equal to the selling price of 7 articles, then the gain or loss per cent is :

a) 51% gain b) $42\frac{6}{7}$ % gain

c) $42\frac{6}{7}$ % loss d) 35 % loss

2) If the cost price of 12 oranges is equal to selling price of 10 oranges, then the percentage of profit is

a) $16\frac{2}{3}$ % b) 20%

c) 25% d) 18%

3) Mahesh purchased a radio at $\frac{9}{10}$ of its selling price and sold it at 8% more than its original selling price. His gain per cent is :

a) 20 % b) 18%

c) 8 % d) 10 %

4) The selling price of 10 oranges is the cost price of 13 oranges. Then the profit percentage is

a) 30% b) 10% c) 3% d) 13%

5) The cost price of a book is Rs.150. At what price should it be sold to gain 20% ?

a) Rs.120 b) Rs.180

c) Rs.80 d) Rs.100

6) The cost price of 8 articles is equal to the selling price of 9 articles. The profit or loss per cent in the transaction is

a) $12\frac{1}{2}$ % loss b) $12\frac{1}{2}$ % profit

c) $11\frac{1}{9}$ % profit d) $11\frac{1}{9}$ % loss

7) The cost price of 25 articles is equal to the selling price of 20 of them. The gain or loss percent is given by

a) 20% loss b) 25% gain

c) 75% gain d) 60% loss

8) The cost price of 40 articles is the same as the selling price of 25 articles. Find the gain per cent.

a) 65% b) 60%

c) 75% d) 15%

9) If the cost price of 18 articles is equal to the selling price of 16 articles, the gain or loss is

a) 25% gain b) 25% loss

c) $12\frac{1}{2}$ % gain d) $12\frac{1}{2}$ % loss

10) The cost price of 36 books is equal to the selling price of 30 books. The gain per cent is :

a) 20% b) $16\frac{4}{6}$ %

c) $82\frac{2}{6}$ % d) 18%

11) The cost price of 24 apples is the same as the selling price of 18 apples. The percentage of gain is :

a) $12\frac{1}{2}$ % b) $14\frac{2}{3}$ %

c) $33\frac{1}{3}$ % d) $16\frac{2}{3}$ %

12) If the selling price of 10 articles is equal to the cost price of 11 articles, then the gain percent is

a) 10% b) 11%

c) 25% d) 15%

13) The selling price of 5 articles is the same as the cost price of 3 articles. The gain or loss percent is :

a) 20% gain b) 25% gain

c) 40% loss d) 33.33% loss

14) A person sells 400 mangoes at the cost price of 320 mangoes. His percentage of loss is

a) 10% b) 15% c) 25% d) 20%

15) A coconut merchant finds that the cost price o 2750 coconuts is the same as the selling price of 2500 coconuts. The loss or gain per cent is

a) 5% loss b) 15% loss

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www.spardha.guru
No 8, 24th Block Manasi Nagar Beside of Bliss serviced Apartment, Mysuru, Karnataka 570029
info@spardha.guru
90711 54445, 90711 64446, 90711 74447

c) 10% gain d) 20% gain

16) If the cost price of 10 articles is equal to the selling price of 9 articles, the gain or loss per cent is

a) $11\frac{1}{9}$% profit b) $7\frac{6}{17}$% profit

c) $1\frac{12}{13}$% loss d) $11\frac{1}{9}$% loss

17) If the cost price of 10 articles is equal to the selling price of 16 articles, then the loss per cent is

a) 30% b) 37.5%

c) 45% d) 42.5%

18) If the cost price of 15 tables be equal to the selling price of 20 tables, the loss per cent is :

a) 20% b) 30%

c) 37.5% d) 25%

19) The cost price of 400 lemons is equal to the selling price of 320 lemons. Then the profit percent is

a) 15% b) 20% c) 40% d) 25%

20) A sold an article to B at 20% profit and B sold to C at 15% loss. If A sold it to C at the selling price of B, then A would make

a) 5% profit b) 2% profit

c) 5% loss d) 2% loss

21) The cost price of 20 oranges is same with selling price of 16 oranges. The profit percentage is

a) 30% b) 20% c) 16% d) 25%

22) If the cost price of 50 oranges is equal to the selling price of 40 oranges, then the profit per cent is

a) 5% b) 10% c) 25% d) 20%

23) If the selling price of 4 articles is equal to the cost price of 5 articles, the profit percent is

a) 20% b) $22\frac{1}{2}$%

c) 30% d) 25%

24) The cost price of 18 articles is equal to the selling price of 15 articles. The gain per cent is:

a) 15% b) 20%

c) 18% d) 25%

25) A man sells 320 mangoes at the cost price of 400 mangoes. His gain percent is :

a) 15% b) 20% c) 10% d) 25%

26) If the cost price of 12 pens is equal to the selling price of 8 pens, the gain per cent is :

a) $33\frac{1}{3}$% b) $66\frac{2}{3}$%

c) 50% d) 25%

27) A cloth merchant on selling 33 meters of cloth obtains a profit equal to the selling price of 11 meters of cloth. The profit percent is

a) 40% b) 22% c) 11% d) 50%

28) The selling price of 12 articles is equal to the cost price of 15 articles. The gain per cent is

a) $6\frac{2}{3}$% b) 20% c) 80% d) 25%

29) If the cost price of 10 articles is equal to the selling price of 8 articles, then gain per cent is

a) 10% b) 8% c) 25% d) 50%

30) The cost price of 15 articles is same as the selling price of 10 articles. The profit percent is:

a) 30% b) 40% c) 45% d) 50%

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