

EduSahara™ Learning Center Assignment

Grade : Class VIII, CBSE
Chapter : Comparing Quantities
Name : Profit and Loss
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1. If C.P = ₹1240.00 and S.P = ₹3060.00, then profit % =

(i) 162.77% (ii) 130.77% (iii) 146.77% (iv) 173.77% (v) 138.77%

2. If C.P = ₹4520.00 and S.P = ₹1120.00, then loss % =

(i) 75.22% (ii) 80.22% (iii) 72.22% (iv) 70.22% (v) 78.22%

3. If C.P = ₹2000.00 and profit = ₹1510.00, then profit % =

(i) 75.50% (ii) 72.50% (iii) 78.50% (iv) 80.50% (v) 70.50%

4. If C.P = ₹2550.00 and profit % = 19.22%, then S.P =

(i) ₹3160.00 (ii) ₹3100.00 (iii) ₹3040.00 (iv) ₹2910.00 (v) ₹2780.00

5. If C.P = ₹1490.00 and profit % = 64.43%, then profit =

(i) ₹953.00 (ii) ₹965.00 (iii) ₹933.00 (iv) ₹960.00 (v) ₹986.00

6. If C.P = ₹3730.00 and loss = ₹1180.00, then loss % =

(i) 31.64% (ii) 28.64% (iii) 26.64% (iv) 34.64% (v) 36.64%

7. If C.P = ₹1810.00 and loss % = 40.33%, then S.P =

(i) ₹1080.00 (ii) ₹820.00 (iii) ₹1160.00 (iv) ₹1030.00 (v) ₹1310.00

8. If C.P = ₹4040.00 and loss % = 27.72%, then loss =

(i) ₹970.00 (ii) ₹1360.00 (iii) ₹1120.00 (iv) ₹1240.00 (v) ₹990.00

9. If S.P = ₹1330.00 and profit = ₹30.00, then profit % =

(i) 2.31% (ii) 1.31% (iii) 0.31% (iv) 4.31% (v) 3.31%

10. If S.P = ₹2620.00 and profit % = 66.88%, then C.P =

(i) ₹1810.00 (ii) ₹1450.00 (iii) ₹1600.00 (iv) ₹1570.00 (v) ₹1420.00

11. If S.P = ₹3030.00 and profit % = 28.39%, then profit =

(i) ₹695.00 (ii) ₹672.00 (iii) ₹670.00 (iv) ₹664.00 (v) ₹656.00

12. If S.P = ₹2600.00 and loss = ₹1650.00, then loss % =

(i) 41.82% (ii) 38.82% (iii) 35.82% (iv) 33.82% (v) 43.82%

13. If S.P = ₹2320.00 and loss % = 34.65%, then C.P =

(i) ₹3550.00 (ii) ₹3530.00 (iii) ₹3820.00 (iv) ₹3630.00 (v) ₹3400.00

14. If S.P = ₹1410.00 and loss % = 69.21%, then loss =

(i) ₹3020.00 (ii) ₹3210.00 (iii) ₹3170.00 (iv) ₹3400.00 (v) ₹3050.00

15. Find gain formula

(i) S.P – C.P (ii) C.P – S.P (iii) M.P – C.P (iv) S.P – M.P

16. Find loss formula

(i) C.P – S.P (ii) M.P – C.P (iii) S.P – C.P (iv) S.P – M.P

17. Find gain percentage formula

(i) $\left[\frac{S.P - C.P}{C.P} \times 100 \right] \%$ (ii) $\left[\frac{C.P - S.P}{S.P} \times 100 \right] \%$

(iii) $\left[\frac{C.P - S.P}{C.P} \times 100 \right] \%$ (iv) $\left[\frac{S.P - C.P}{S.P} \times 100 \right] \%$

18. Find loss percentage formula

(i) $\left[\frac{S.P - C.P}{S.P} \times 100 \right] \%$ (ii) $\left[\frac{S.P - C.P}{C.P} \times 100 \right] \%$

(iii) $\left[\frac{C.P - S.P}{C.P} \times 100 \right] \%$ (iv) $\left[\frac{C.P - S.P}{S.P} \times 100 \right] \%$

19. Find selling price formula

$$(i) \frac{100}{100 + \text{gain}\%} \times \text{C.P} \quad (ii) \frac{100 + \text{loss}\%}{100} \times \text{C.P}$$

$$(iii) \frac{100 + \text{gain}\%}{100} \times \text{C.P} \quad (iv) \frac{100}{100 + \text{loss}\%} \times \text{C.P}$$

20. Find cost price formula

$$(i) \frac{100 + \text{loss}\%}{100} \times \text{S.P} \quad (ii) \frac{100 + \text{gain}\%}{100} \times \text{S.P}$$

$$(iii) \frac{100}{100 + \text{loss}\%} \times \text{S.P} \quad (iv) \frac{100}{100 + \text{gain}\%} \times \text{S.P}$$

21. Two articles of the same cost price are sold. If one article incurs a gain of $x\%$ and other a loss of $x\%$, then overall %loss is

$$(i) 1 \quad (ii) 2x \quad (iii) 0 \quad (iv) \frac{x}{2}$$

22. Two articles are sold at the same price. If one article incurs a gain of $x\%$ and other a loss of $x\%$, then overall %loss is

$$(i) \frac{100}{x^2} \quad (ii) \frac{100}{x} \quad (iii) \frac{x^2}{100} \quad (iv) \frac{x}{100}$$

Assignment Key

- 1) (iii)
- 2) (i)
- 3) (i)
- 4) (iii)
- 5) (iv)
- 6) (i)
- 7) (i)
- 8) (iii)
- 9) (i)
- 10) (iv)
- 11) (iii)
- 12) (ii)
- 13) (i)
- 14) (iii)
- 15) (i)
- 16) (i)
- 17) (i)
- 18) (iii)
- 19) (iii)
- 20) (iv)
- 21) (iii)
- 22) (iii)