

EduSahara™ Learning Center Assignment

Grade : Class VIII, SSC
Chapter : Comparing Quantities using Proportion
Name : Profit and Loss
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1. If C.P = ₹1840.00 and S.P = ₹1920.00, then profit =

(i) ₹83.00 (ii) ₹75.00 (iii) ₹77.00 (iv) ₹85.00 (v) ₹80.00

2. If C.P = ₹3860.00 and S.P = ₹2490.00, then loss =

(i) ₹1400.00 (ii) ₹1140.00 (iii) ₹1370.00 (iv) ₹1550.00 (v) ₹1350.00

3. If C.P = ₹1390.00 and S.P = ₹1480.00, then profit % =

(i) 7.47% (ii) 6.47% (iii) 5.47% (iv) 4.47% (v) 8.47%

4. If C.P = ₹3060.00 and S.P = ₹2440.00, then loss % =

(i) 20.26% (ii) 15.26% (iii) 17.26% (iv) 23.26% (v) 25.26%

5. If C.P = ₹1450.00 and profit % = 71.03%, then S.P =

(i) ₹2260.00 (ii) ₹2600.00 (iii) ₹2330.00 (iv) ₹2640.00 (v) ₹2480.00

6. If C.P = ₹1490.00 and profit % = 21.48%, then profit =

(i) ₹320.00 (ii) ₹315.00 (iii) ₹336.00 (iv) ₹323.00 (v) ₹294.00

7. If C.P = ₹1430.00 and loss % = 16.08%, then S.P =

(i) ₹1450.00 (ii) ₹1200.00 (iii) ₹970.00 (iv) ₹1260.00 (v) ₹1170.00

8. If C.P = ₹2370.00 and loss % = 56.96%, then loss =

(i) ₹1570.00 (ii) ₹1350.00 (iii) ₹1380.00 (iv) ₹1280.00 (v) ₹1110.00

9. If S.P = ₹1460.00 and profit % = 1.39%, then C.P =

(i) ₹1600.00 (ii) ₹1440.00 (iii) ₹1190.00 (iv) ₹1370.00 (v) ₹1480.00

10. If S.P = ₹1460.00 and profit % = 11.45%, then profit =

- (i) ₹136.00 (ii) ₹173.00 (iii) ₹165.00 (iv) ₹150.00 (v) ₹137.00
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11. If S.P = ₹1030.00 and loss = ₹20.00, then loss % =

- (i) 1.90% (ii) 3.90% (iii) 0.90% (iv) 2.90% (v) 9.90%
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12. If S.P = ₹1090.00 and loss % = 23.24%, then loss =

- (i) ₹325.00 (ii) ₹316.00 (iii) ₹330.00 (iv) ₹336.00 (v) ₹358.00
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13. Find gain formula

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

14. Find loss formula

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

15. Find gain percentage formula

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

16. Find loss percentage formula

- (i) $\left[\frac{S.P - C.P}{C.P} \times 100 \right] \%$ (ii) $\left[\frac{S.P - C.P}{S.P} \times 100 \right] \%$
 (iii) $\left[\frac{C.P - S.P}{C.P} \times 100 \right] \%$ (iv) $\left[\frac{C.P - S.P}{S.P} \times 100 \right] \%$
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17. Find selling price formula

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

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

18. Find cost price formula

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

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

19. 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

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

20. 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

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

Assignment Key

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