

## SSC CHSL Profit and Loss Quick Maths Formulas

1. Profit = Selling Price (SP) – Cost Price (CP)
2. Loss = Cost Price (CP) – Selling Price (SP)
3. Gain or Loss % = (Loss or Gain / CP) \* 100 %
4. Gain % = [Error / (True Value – Error)] \* 100 %
5. Gain % = [(True Weight – False Weight) / False Weight] \* 100 %
6. Total % Profit = [(% Profit + % Less in wt) / (100 - % Less in wt)] \* 100 %
7. Cost Price = (More Gain \* 100) / Diff in % Profit
8. Selling Price = [More Rupees \* (100 + % Final Gain)] / (%gain + %loss)
9. Cost Price = [(Initial Profit%) + (Inc. in Profit%)] \* A / (Inc. in Profit%)

10. If CP of x articles is = SP of y articles, then **Profit % =  $[(x - y) / y] * 100$**

11. Cost Price =  $(100 * \text{More Charge}) / (\% \text{ Diff in Profit})$

12. Selling Price =  $\text{More Charge} * (100 + \text{First Profit\%}) / (\% \text{ Diff in Profit})$ .