**CVP Related Formulas**

1. Contribution margin per unit= Selling price per unit-Variable cost per unit.
2. CM in total= CM per unit\* sales volume.
3. CM ratio= CM per unit/ Selling price per unit.
4. BEP in unit= Total Fixed cost (TFC)/ CM per unit.
5. BEP in amount= TFC/CM ratio.
6. Profit or Net income= Sales revenue- Variable cost-Total fixed cost.
7. Profit= (Selling price per unit\*sales volume- Variable cost per unit\*sales volume)-TFC.
8. Profit= (SP per unit-VCP)\*sales volume-TFC.
9. Required sales in unit= (TFC+ Target net income)/CM per unit.
10. Required sales in amount= (TFC + Target net income)/CM ratio.
11. Margin of safety= Actual sales or Expected sales- Break even sales.
12. Margin of safety ratio= Margin of safety/ Actual or Expected sales