

OLYMPIAD · EVERYDAY MATHEMATICS · OLYMPIAD PREPARATION · FORMULA BANK

Chapter 11: Profit, Loss and Discount

Every formula and result of the chapter on one sheet

1	Profit	$SP - CP$
2	Loss	$CP - SP$
3	Profit percent	$\frac{\text{profit}}{CP} \times 100$
4	Loss percent	$\frac{\text{loss}}{CP} \times 100$
5	SP when there is a profit of $p\%$	$CP \left(1 + \frac{p}{100}\right)$
6	SP when there is a loss of $p\%$	$CP \left(1 - \frac{p}{100}\right)$
7	Discount	$MP - SP$
8	Discount percent	$\frac{\text{discount}}{MP} \times 100$
9	Two discounts $a\%$ and $b\%$	$a + b - \frac{ab}{100}$