

CLASS 8

MATHS

REVISION NOTES

Revision Notes for Class 8 Maths Chapter 8: Fractions in Disguise (Percentages)

Condensed revision notes for Class 8 Maths Chapter 8: Fractions in Disguise (Percentages) - Ganita Prakash. These Class 8 Mathematics Chapter 8 notes are ideal for quick revision just before exams.

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Class 8 Mathematics Chapter 8 – Solutions and Important Questions

Condensed revision notes for Class 8 Maths Chapter 8: Fractions in Disguise (Percentages) – Ganita Prakash. These Class 8 Mathematics Chapter 8 notes are ideal for quick revision just before exams.

Percentage: a fraction/ratio expressed with denominator 100; $x\% = x/100$.

Fraction → percentage: multiply the fraction by 100 and add the % sign.

Percentage of a quantity: $x\%$ of $N = (x/100) \times N$.

Commutative identity: $x\%$ of $y = y\%$ of x (both equal $xy/100$).

Profit % = (Profit ÷ CP) × 100; Loss % = (Loss ÷ CP) × 100 — always calculated on Cost Price, not Selling Price.

Marked Price & Discount: $SP = MP \times (1 - \text{discount}\%/100)$.

Successive percentage changes multiply as factors — e.g. $(1 \pm a/100)(1 \pm b/100) \dots$ — they do NOT simply add.

Increase then equal decrease (or vice versa) always gives a net decrease of $a^2/100$ percent.

Simple Interest: $SI = P \times r \times t \div 100$; $\text{Amount} = P + SI$.

Compound Interest: $\text{Amount} = P(1 + r/100)^t$; $CI = \text{Amount} - P$.

Compound growth/decline over multiple periods with different rates: multiply the successive factors together.

GST/tax addition: $\text{Final price} = \text{Price} \times (1 + \text{GST}\%/100)$.

Reverse percentage: $\text{Original value} = \text{Final value} \div (1 \pm r/100)$ — divide, don't subtract the percentage.

“Buy m get n free” effective price fraction: $m \div (m+n)$ of the original price.

Rule of thumb: always work with multiplicative factors (not additive percentages) whenever a quantity changes more than once.

More on this chapter: [Solutions](#) | [Extra Questions](#) | [Class 8 Maths Book](#) | [Formulas Handbook](#)

Class 8 Mathematics Chapter 8 – Solutions and Important Questions

Need full answers or more practice? See the [Class 8 Mathematics Chapter 8 Solutions](#) and [Class 8 Mathematics Chapter 8 Extra Questions](#).

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