

CLASS 7

MATHS

REVISION NOTES

Revision Notes for Class 7 Maths Chapter 3: A Peek Beyond the Point

Condensed revision notes for Class 7 Maths Chapter 3: A Peek Beyond the Point - Ganita Prakash textbook.

Condensed revision notes for Class 7 Maths Chapter 3: A Peek Beyond the Point – Ganita Prakash textbook.

Decimal place values (after the point): tenths ($1/10$), hundredths ($1/100$), thousandths ($1/1000$).

Key conversions: 1000 thousandths = 1 unit; 100 thousandths = 1 tenth; 10 thousandths = 1 hundredth; 100 tenths = 1 ten.

Comparing decimals: compare the whole-number part first, then compare digit-by-digit after the decimal point (tenths, then hundredths, etc.) — more digits does NOT mean a bigger number (e.g. $0.9 > 0.123456789$).

Equal decimals: trailing zeros after the last nonzero digit don't change the value ($4.5 = 4.50 = 4.500$); leading zeros before the whole-number part also don't matter ($4.5 = 04.5$).

Adding/subtracting decimals: line up the decimal points (same place values in the same column) before adding or subtracting.

Estimation check: the sum of two decimals always lies between (sum of whole-number parts) and (that sum + 2), since each decimal part is less than 1.

Unit conversions: 1 m = 100 cm = 1,000 mm; 1 km = 1,000 m = 1,000,000 mm; 1 rupee = 100 paise.

Fraction↔decimal: $1/2=0.5$, $1/4=0.25$, $3/4=0.75$, $1/5=0.2$, $4/5=0.8$ — useful benchmark values.

More on this chapter: NCERT Solutions: [Class 7 Maths Chapter 3](#) | Extra Questions: [Class 7 Maths Chapter 3](#) | [Class 7 Maths Book](#) | [Formulas Handbook](#)