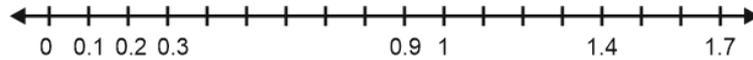


1. **Decimal fraction:** fraction with denominator 10,100,1000,....

2. **Place value chart**

Ten thousands	Thousands	Hundreds	Tens	Ones	Point	Tenths	Hundredths	Thousandths
10000	1000	100	10	1	.	1/10	1/100	1/1000

3. Representing decimals on a number line.



4. Conversions.

a) eq. ₹ to paise → Multiply by 100 .

$$₹ 4 = 4 \times 100 = 400 \text{ paise}$$

b) Paise to ₹ → Divide by 100

$$4 \text{ paise} = \frac{4}{100} = 0.04$$

c) kg to grams → multiply by 1000

d) grams to kg → Divide by 1000

e) km to m → Multiply by 1000

f) m to km → Divide by 1000

g) m to cm → multiply by 100

h) am to m → Divide by 100

7. Like and unlike decimals

decimals having same number of decimal places.

e.g. 3.085 and 12.773 .

decimals having different number of decimal places.

e.g. 2.5, 8.05, 6.058