

Decimals

(n, 5)

Fraction with denominator as power of 10

$$10, 10^2=100, 10^3=10 \times 10 \times 10 = 1000, 10^4=10 \times 10 \times 10 \times 10 = 10000,$$

A decimal consists of two parts

Whole number and decimal number
decimal point

25.15
└──┬──┘
whole number decimal point decimal part

like decimals

2.627 → 3

24.731 → 3

no of digits

Q.

4.51

6.02

4.5

6.02

unlike

4.50 → like

6.02

0.52
↓
decimal

→ zero point
five two

$$\begin{array}{r} 1. \quad 11.10 \\ + 22.40 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 44.2 \\ + 2.43 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 24.25 \\ + 2.999 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 24.29 \\ + 1.81 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 1111.252 \\ 250.42999 \\ 88.4444 \\ 1.1 \\ \hline 9000.2 \end{array}$$

convert them into fraction

① 0.22

② 10.2205

③ 101.1120

④ 0.002

⑤ 2.110

⑥ 1.000

⑦ 2