

ROJGAR WITH ANKIT

प्रतिशतता [Percentage]

$$\rightarrow \left(\frac{\quad}{100} \right)$$

% $\rightarrow$ भिन्न (fraction)

$$1\% = \frac{1}{100}$$

$$2\% = \frac{2}{100} = \frac{1}{50}$$

$$3\% = \frac{3}{100}$$

$$4\% = \frac{4}{100} = \frac{1}{25}$$

$$5\% = \frac{5}{100} = \frac{1}{20}$$

$$10\% = \frac{1}{10}$$

$$15\% = \frac{3}{20}$$

$$20\% = \frac{1}{5}$$

$$25\% = \frac{1}{4}$$

$$6\frac{2}{3}\% = \frac{20}{3 \times 100} = \frac{1}{15}$$

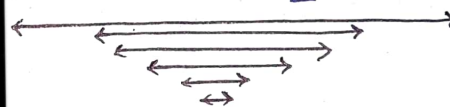
$$9\frac{1}{9}\% = \frac{82}{9}\% = \frac{82}{9 \times 100} = \frac{41}{450}$$

$$12\frac{1}{2}\% = \frac{25}{2 \times 100} = \frac{1}{8}$$

$$14\frac{2}{7}\% = \frac{100}{7 \times 100} = \frac{1}{7}$$

$$11\frac{1}{9}\% = \frac{100}{9 \times 100} = \frac{1}{9}$$

$$16\frac{2}{3}\% = \frac{50}{3 \times 100} = \frac{1}{6}$$



$$60\% = \frac{3}{5}$$

$$66\frac{2}{3}\% = \frac{2}{3}$$

$$44\frac{4}{9}\% = \frac{4}{9}$$

$$55\frac{5}{9}\% = \frac{5}{9}$$

$$75\% = \frac{3}{4}$$

$\times 4$

$\times 2$

$\times 3$

$$11\frac{1}{9}\% = \frac{1}{9}$$

$$22\frac{2}{9}\% = \frac{2}{9}$$

$$14\frac{2}{7}\% = \frac{1}{7}$$

$$28\frac{4}{7}\% = \frac{2}{7}$$

$$30\% = \frac{3}{10}$$

$$33\frac{1}{3}\% = \frac{1}{3}$$

$$35\% = \frac{7}{20}$$

$$40\% = \frac{2}{5}$$

$$42\frac{6}{7}\% = \frac{3}{7}$$

$$45\% = \frac{9}{20}$$

$$50\% = \frac{1}{2}$$

$$57\frac{1}{7}\% = \frac{4}{7}$$

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Comparison:

$$\begin{aligned} 11 &\xrightarrow{\times 2} 22 \\ 5 &\xrightarrow{\times 4} 20 \\ 8 &\xrightarrow{\times 4} 32 \\ 2 &\xrightarrow{\times 1.5} 3 \\ 11\frac{1}{9} &\xrightarrow{\times 2} 22\frac{2}{9} \end{aligned}$$

$$11\frac{1}{9} \times 3 = 33\frac{3-1}{9-3}$$

$$14\frac{2}{7} \times 6 = 84\frac{12}{7}$$

$$84 + \left[1\frac{5}{7}\right]$$

$$= 85\frac{5}{7}$$

$$\begin{aligned} 16\frac{2}{3} \times 9 &= 144\frac{18}{3} \\ &= 150 \end{aligned}$$

$$\rightarrow \sqrt{4\%} = ?$$

$$\sqrt{\frac{4}{100}}$$

$$\frac{2}{10} = \frac{1}{5}$$

$$\Rightarrow 0.2 \text{ Ans}$$

चीनी के दाम में 25% की वृद्धि $\Rightarrow$

$$125\% = \frac{1}{4}$$

$$30\% = \frac{3}{10}$$

$$12\frac{1}{2}\% = \frac{1}{8}$$

पहले
4

अब
5

आभी
10 unit

Rahul
13 unit

लं. (L)
9

चौं. (B)
8

Type-1 BASIC

(1). रु. 34 का 15% क्या होगा-

$$\text{(What will be 15\% of रु. 34)} - \frac{34 \times 15}{100} = \text{रु. 5.10} \text{ Ans}$$

(2). 68, निम्न में से किस सं. का 25% है-

$$\text{(68 is 25\% of which of the following No.)} - A \times \frac{1}{4} = 68 \times 4 = \boxed{272} \text{ Ans}$$

(3). 18 ग्राम, 4.5 kg का कितने % है-

(What % of 4.5 kg is 18 gm) -

$$\frac{18}{4500} \times A = 18g$$

$$1 \text{ kg} = 1000 \text{ gm}$$

$$A = \frac{18}{45} = \frac{2}{5} = 0.4\% \text{ Ans}$$