1) $33\frac{1}{3}\%$ q 360

$$\frac{100}{3 \times 100} \times 360 = \frac{1}{3} \times 360 = \boxed{120}$$

$$\% \xrightarrow{\div 100} \text{fraction}$$

$$\text{fraction} \xrightarrow{\times 100} \%$$

2) $71\frac{3}{7}\%$ q 350

$$\frac{500}{7 \times 100} \times 350 = \frac{5}{7} \times \overset{50}{\cancel{350}}$$

$$\Rightarrow \boxed{250}$$

3) $7\frac{9}{13}\%$ q 2600

$$\frac{100}{13 \times 100} \times 2600 = \boxed{200}$$

$\frac{1}{2}=50\%$ $\frac{1}{3}=33\frac{1}{3}\%$ $\frac{1}{4}=25\%$ $\frac{1}{5}=20\%$ $\frac{1}{6}=16\frac{2}{3}\%$ ✓ $\frac{1}{7}=14\frac{2}{7}\%$ $\frac{1}{8}=12.5\%$ $\frac{1}{9}=11\frac{1}{9}\%$ $\frac{1}{10}=10\%$ $\frac{1}{11}=9\frac{1}{11}\%$

$\frac{2}{2}=100\%$ $\frac{2}{3}=66\frac{2}{3}\%$ $\frac{2}{4}=50\%$ $\frac{2}{5}=40\%$ $\frac{2}{6}=33\frac{1}{3}\%$ $\frac{2}{7}=28\frac{4}{7}\%$ $\frac{2}{8}=25\%$ $\frac{2}{9}=22\frac{2}{9}\%$ $\frac{2}{10}=20\%$ $\frac{2}{11}=18\frac{2}{11}\%$

$\frac{3}{3}=100\%$ $\frac{3}{4}=75\%$ $\frac{3}{5}=60\%$ $\frac{3}{6}=50\%$ $\frac{3}{7}=42\frac{6}{7}\%$ $\frac{3}{8}=37.5\%$ $\frac{3}{9}=33\frac{1}{3}\%$ $\frac{3}{10}=30\%$ $\frac{3}{11}=27\frac{3}{11}\%$

$\frac{4}{4}=100\%$ $\frac{4}{5}=80\%$ $\frac{4}{6}=66\frac{2}{3}\%$ $\frac{4}{7}=57\frac{1}{7}\%$ $\frac{4}{8}=50\%$ $\frac{4}{9}=44\frac{4}{9}\%$ $\frac{4}{10}=40\%$ $\frac{4}{11}=36\frac{4}{11}\%$

$\frac{5}{5}=100\%$ ✓ $\frac{5}{6}=83\frac{1}{3}\%$ $\frac{5}{7}=71\frac{3}{7}\%$ $\frac{5}{8}=62.5\%$ $\frac{5}{9}=55\frac{5}{9}\%$ $\frac{5}{10}=50\%$ $\frac{5}{11}=45\frac{5}{11}\%$

$\frac{6}{6}=100\%$ $\frac{6}{7}=85\frac{5}{7}\%$ $\frac{6}{8}=75\%$ $\frac{6}{9}=66\frac{2}{3}\%$ $\frac{6}{10}=60\%$ $\frac{6}{11}=54\frac{6}{11}\%$

$\frac{7}{7}=100\%$ $\frac{7}{8}=87.5\%$ $\frac{7}{9}=77\frac{7}{9}\%$ $\frac{7}{10}=70\%$ $\frac{7}{11}=63\frac{7}{11}\%$

$\frac{8}{8}=100\%$ $\frac{8}{9}=88\frac{8}{9}\%$ $\frac{8}{10}=80\%$ $\frac{8}{11}=72\frac{8}{11}\%$

$\frac{9}{9}=100\%$ $\frac{9}{10}=90\%$ $\frac{9}{11}=81\frac{9}{11}\%$

$\frac{10}{10}=100\%$ $\frac{10}{11}=90\frac{10}{11}\%$

$\frac{11}{11}=100\%$

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

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

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

$\frac{1}{8} \longrightarrow 12.5\%$

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

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

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

$\frac{1}{6} \longrightarrow 16\frac{2}{3}\%$

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

Simplification

1) Basic calculation (Add. Sub. Mul. Div)

2) % calculation (Table)

3) Fraction

4) Decimal.

5) Law of Indices

6) square & cube

Telegram channel

MathsAdda

@ 9 am → 35 que