$$\frac{1}{16} = 6\frac{1}{4}\%$$

$$\frac{1}{13} = 7\frac{9}{13}\%$$

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

$$\frac{7}{16} = 7 \times 6\frac{1}{4}\%$$
$$= 43\frac{3}{4}\%$$

$$\frac{9}{13} = 9 \times 7\frac{9}{13}\%$$
$$= 69\frac{3}{13}\%$$

$$\frac{4}{7} = 4 \times 14\frac{2}{7}\%$$
$$= 57\frac{1}{7}\%$$

PERCENTAGE to FRACTION CONVERSION

19.
$$440\% = 400\% + 40\%$$
$$= 4 + \frac{2}{5}$$
$$= \frac{22}{5}$$

20.
$$536\% = 500\% + 36\%$$
$$= 5 + \frac{9}{25}$$
$$= \frac{134}{25}$$

21.
$$945\% = 900\% + 45\%$$
$$= 9 + \frac{9}{20}$$
$$= \frac{189}{20}$$

22.
$$676\% = 600\% + 76\%$$
$$= 6 + \frac{19}{25}$$
$$= \frac{169}{25}$$

23.
$$710\% = 700\% + 10\%$$
$$= 7 + \frac{1}{10}$$
$$= \frac{71}{10}$$

24.
$$932\% = 900\% + 32\%$$
$$= 9 + \frac{8}{25}$$
$$= \frac{233}{25}$$

25.
$$337\frac{1}{2}\% = 300\% + 37\frac{1}{2}\%$$
$$= 3 + \frac{3}{8}$$
$$= \frac{27}{8}$$

26.
$$366\frac{2}{3}\% = 300\% + 66\frac{2}{3}\%$$
$$= 3 + \frac{2}{3}$$
$$= \frac{11}{3}$$

27.
$$487\frac{1}{2}\% = 400\% + 87\frac{1}{2}\% = 500\% - 12\frac{1}{2}\%$$
$$= 4 + \frac{7}{8} \qquad = 5 - \frac{1}{8}$$
$$= \frac{39}{8} \qquad = \frac{39}{8}$$

*
$$444\frac{4}{9}\% = 400\% + 44\frac{4}{9}\%$$
$$= 4 + \frac{4}{9}$$
$$= \frac{40}{9}$$

*
$$303\frac{3}{4}\% = 300\% + 3\frac{3}{4}\%$$
$$= 3 + \frac{3}{80}$$
$$= \frac{243}{80}$$

$$15\% = \frac{3}{20}$$
$$\Big\downarrow \times \frac{1}{8}$$
$$3\frac{3}{4}\% = \frac{3}{80}$$

$87\frac{1}{2}\% = 85\% + 2\frac{1}{2}\% \quad = \quad 80\% + 7\frac{1}{2}\% \quad = 50\% + 37\frac{1}{2}\% \quad = 100\% - 12\frac{1}{2}\%$

$$= \frac{17}{20} + \frac{1}{40} \qquad = \frac{4}{5} + \frac{3}{40} \qquad = \frac{1}{2} + \frac{3}{8} \qquad = 1 - \frac{1}{8}$$

$$= \frac{34+1}{40} \qquad = \frac{32+3}{40} \qquad = \frac{4+3}{8} \qquad = \frac{7}{8}$$

$$= \frac{35}{40} \qquad = \frac{35}{40} \qquad = \frac{7}{8}$$

$$= \frac{7}{8} \qquad = \frac{7}{8}$$

$92\frac{2}{3}\% = 100\% - 8\frac{1}{3}\%$ # $606\frac{2}{3}\% = 600\% + 6\frac{2}{3}\%$

$$= 1 - \frac{1}{12} \qquad\qquad\qquad = 6 + \frac{1}{15}$$

$$= \frac{11}{12} \qquad\qquad\qquad\quad = \frac{91}{15}$$

Conversion of Percentage

$\frac{1}{3} = .333 ----$ $0.57 = 0.6$

$\frac{2}{3} = .666 ---- = 0.67$ $0.54 = 0.5$

$\frac{1}{2} = 0.5$ $\frac{1}{3} = 0.33---$

$$3\overline{)100}\,(0.33..$$
$$\underline{-9}$$
$$10$$
$$\underline{-9}$$
$$1$$

$\frac{1}{4} = 0.25$

$\frac{1}{8} = 0.125$

$\frac{1}{16} = 0.0625$

$33.33\% = 33\frac{1}{3}\% \Rightarrow \frac{1}{3}$

$66.67\% = 66.66\% = 66\frac{2}{3}\% = \frac{2}{3}$

$$9\overline{)1000}\,(0.111----$$
$$\underline{-9}$$
$$10$$
$$\underline{-9}$$
$$10$$
$$\underline{-9}$$
$$1$$

$\frac{1}{9} = 0.111-----$

$\frac{2}{9} = 0.222-----$

$\frac{5}{9} = 0.555-----$

$44.44\% \Rightarrow 44.44----\% \Rightarrow 44\frac{4}{9}\%$

$0.11---- = \frac{1}{9}$

$0.44--- = \frac{4}{9}$

$$4 \times 11\frac{1}{9} = \frac{4}{9}$$

$\frac{1}{7} = \cdot 14 \text{----}$ $14\frac{2}{7}\% = 14.28\% = \frac{1}{7}$

$\frac{2}{7} = 0.28 \text{-----}$

$\frac{1}{11} = 0.0909 \text{---}$ $9\frac{1}{11}\% = 9.0909 \text{---} \% = \frac{1}{11}$

$\frac{2}{11} = 0.1818 \text{----}$

$81.8181 \text{-----} \% = \frac{9}{11}$ $\frac{1}{11} = 0.0909 \text{---}$

                                                                       $\frac{9}{11} = 0.8181 \text{---}$

$606.67\% = 600\% + 6.66 \text{-----} \%$ $\frac{1}{3} = 0.33 \text{---}$

$\quad\quad\quad = 6 + 6\frac{2}{3}\%$ $\frac{2}{3} = 0.66 \text{---}$

$\quad\quad\quad = 6 + \frac{1}{15}$

$\quad\quad\quad = \frac{91}{15}$

$714.28\% = 700\% + 14.28\%$

$\quad\quad\quad = 7 + 14\frac{2}{7}\%$ $\frac{1}{7} = 0.14$

$\quad\quad\quad = 7 + \frac{1}{7}$ $\frac{2}{7} = 0.28$

$\quad\quad\quad = \frac{50}{7}$