

$$48.) \quad 639 \cdot \frac{1}{3}$$
$$\approx \frac{630}{3} = \textcircled{210}$$

$$\frac{6}{3} \quad \frac{3}{3} \quad \frac{9}{3}$$
$$\boxed{213}$$

SO. 0.5 of 680

$$\frac{1}{2} \times \textcircled{340}$$

$$28.) \quad \frac{8}{16} = \frac{50\%}{100} \quad (50\%)$$

$$30.) \quad \frac{1}{16} = \frac{6.25}{100} \quad (6.25\%)$$

5-4 finding Percents Mentally  
of  $x$

20% of 45

$$0.2 \times 45$$

$$\frac{1}{5} \times \frac{45}{1} = \frac{45}{5} = 9$$

$$\frac{6}{2} = 3 \quad \frac{1}{2} \times \frac{6}{1} = \frac{6}{2} = 3$$

$33\frac{1}{3}\%$  of 93

$$0.\overline{3} \times 93$$

$$\frac{1}{3} \times \frac{93}{1} = \frac{93}{3} = \textcircled{31}$$

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

$$\frac{1}{8} \times \frac{160}{1} = \frac{160}{8} = \textcircled{20}$$

$$12\% = \frac{12.5}{100}$$

$$\frac{1}{2} \times \frac{1}{4} = \frac{1}{8}$$

$12\frac{1}{2}\%$     $25\%$

$$80\% \text{ of } 45$$
$$\frac{4}{5} \times \frac{45}{1} = 36$$

$$\begin{array}{l} 10\% = \frac{10}{100} = 0.1 \quad \text{1 decimal place} \\ 1\% = \frac{1}{100} = 0.01 \quad \text{2 decimal places} \end{array}$$

$$10\% \text{ of } 98$$

$$0.1 \times 98$$

$$1\% \text{ of } 235$$

$$0.01 \times 235 = 2.35$$

$$\begin{array}{l} 10\% \text{ of } 10 \\ 0.1 \times 10 = 1 \end{array}$$

$$\begin{array}{l} 10\% \text{ of } 11 \\ 0.1 \times 11 = 1.1 \end{array}$$

4.5 or 4.5~~0~~

$$\frac{1}{6} \times \frac{54}{1} = \frac{54}{6} = 9$$

$$60\% \times 15 \quad \frac{3}{5} \times \frac{15}{1} = 9$$

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

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

$$\frac{15}{5} = 3 \times 3 = 9$$

$$\frac{1}{5} \times \frac{15}{1} = \frac{15}{5} = 3$$

$$\frac{3}{5} \times \frac{15}{1} = \frac{45}{5} = 9$$



1% of 28.3      0.01

$$\begin{array}{r} 28.3 \\ \times 0.01 \\ \hline 0.283 \end{array} \quad 0.283$$

28.)  $37\frac{1}{2}\%$  of 41.6

$$\frac{3}{8} \times \frac{41.6}{1} = \frac{3}{8} \times \frac{40^5}{1} = \textcircled{15}$$

26.) 125% of 400

$$100\% = 400 \quad 25\% \text{ of } 400 = 100$$

$$\begin{array}{r} 400 = 100\% \\ + 100 = 25\% \\ \hline 500 = 125\% \end{array}$$