

11/15 8.7 Finding a Percent of a number

⊛ Change the % to a decimal & multiply it by the number.

Ex: 10% of 74

$$0.10 \times 74 = 7.4$$

31% of 16

$$.31 \times 16 = 4.96$$

$$\begin{array}{r} 16 \\ \times .31 \\ \hline \end{array}$$

$$31\% = \frac{31}{100}$$

$$100 \overline{) 31.00} \\ \underline{-300} \\ 100$$

P. 406 #s 1-4

① 24.0

② 9

$$20\% = \frac{45}{100} = 0.45$$

③ 4.5

④ 3.6

P. 407

discount

25% of \$40

$$\frac{25}{100} = \textcircled{X} 0.25$$

\$10.00 = discount!

Regular \$ 40

discount — 10

Price you
pay \$30

$$\begin{array}{r} 40 \\ \times .25 \\ \hline 200 \\ 80 \\ \hline \$10.00 \end{array}$$

P. 407 ^{\$24}
\$23.78 = Bill

15% tip
→ $\frac{15}{100} = 0.15$

$$\begin{array}{r} 23.78 \\ + 3.57 \\ \hline \$27.35 \end{array}$$

$$\begin{array}{r} 23.78 \\ \times \quad .15 \\ \hline 11890 \\ + 2378 \\ \hline \$3.5670 \end{array}$$

→

In Class:

p. 408-409 #s 2-22

HW: WS 8.7 p. 113

#s 1-12

