Math 7

3.8 Solving Percentage Problems

NAME: Date:

Ex: A jacket costs \$48 and is on sale for 30% off.

- a. How much would you save?
- b. What is the final cost of the jacket?

What is 30% of \$48

Convert
$$\Rightarrow$$
 30% x \$48

into dec:mal 430 = 0.3

0.3 x 48 $\frac{30}{100}$ = 0.3

b) -14.40

\$33.60

30% is aprox 25%.

$$25\% = \frac{1}{4}$$
 4 of \$48

 12

Ex: A book costs \$9 and there is an 8% sales tax. What is the final sale price?

Estimate

81.
$$\frac{100}{100} = \frac{1}{100} = \frac{1}{100}$$
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