

**6 - 3**

# **Discount and Sale Price**

**discount:** amount subtracted

**sale price:** new price you pay

**Ex: I have a coupon for \$10 off a pair of \$55 shoes.**

**Discount:** \$10

**Sale Price:** \$45

**Ex: Find the discount and the sale price of a mountain bike with a regular price of \$128.95 and a 20% discount.**

$$D: \quad .20 \times 128.95 \\ 20\% \text{ of } 128.95 = \boxed{\$25.79}$$

$$SP: \quad 128.95 - 25.79 = \boxed{\$103.15}$$

**Ex: John bought a winter coat for 25% off \$249.99.**

**How much did he save?**

25% of 249.99

$$.25 \times 249.99 = \boxed{\$62.50}$$

**How much did he pay?**

$$249.99 - 62.50 = \boxed{\$187.49}$$

**Ex: A CD player is on sale for \$174.30.  
The regular price of the CD player is  
\$249.00. Find the percent of discount.**

$$\frac{74.70}{249.00}$$

$$249 - 174.30 \\ (74.70)$$

.3

30%

**Ex: A portrait usually sells for \$60.  
Which is the greater discount: 25%  
off or \$25 off?**

$$\frac{\$25}{}$$

$$60 - 25 = \$35$$

$$\frac{25\%}{}$$

$$.25 \times 60 = \$15$$

$$60 - 15 = \$45$$

Homework:

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