

**6.6**

# **Discounts & Markups**

# Vocabulary

## Markup

The \_\_\_\_\_ in price of something



## Discount

Amount \_\_\_\_\_ the original price

## Original Price



Other names: Regular Price & Wholesale Price

# Vocabulary

## Retail Price

**Original Price + Markup**

## Sale Price

**Original Price - Discount**



# Getting to know the vocabulary

**A) Jeremy goes to Costco and buys a big box of M & M's for \$5.50. He later will sell it at \$7.00. What was the markup?**



**B) Andrea buys a dress on sale for \$75. It was originally suppose to be for \$90. How much was the discount?**



# THE PERCENT EQUATION

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# Finding Discount & Markup

$$= \% \mathbf{x}$$

$$= \% \mathbf{x}$$

**1) You are a manager of jewelry store.  
You buy a ring at a wholesale price of  
\$180. Your percent of markup is 20%.**

**a) What is the amount of markup?**

**b) What is the retail price?**





**2) A \$36 book is on sale for \$27.**

**a) What is the amount of discount?**

**b) What is the percent of discount?**



# Getting to know the vocabulary

**C) Jose wanted to make some money off selling his \$900 motorcycle. So he marked it up by \$250. What is the retail price?**



**D) Arlene couldn't believe she saved \$25 dollars off a coat she just bought that was originally \$79. What was the sale price?**



**3) You want to buy a coat for \$50, but it has a discount of 15%.**

**a) What is the amount of discount?**



**b) What is the sale price?**

**4) You have a collector's book for \$40, and you want to mark it up by 8%.**

**a) What is the amount of mark up?**



**b) What is the total price?**

## **Practice**

- 5) The original price of a T-shirt is \$15. The sale price includes a 35% discount. What is the sale price?

## **Practice**

- 6) The original price of a skateboard is \$50. The sale price includes a 20% discount What is the sale price?

# **Practice**

- 7) The discount on a package of socks is 15%. It is on sale for \$17. What is the original price of the package of socks?

# **Practice**

- 8) A store pays \$15 for a baseball cap. The percent markup is 60%. What is the selling price.

# **Practice**

- 9) The discount on a DVD is 20%. It is on sale for \$40.  
What is the original price of the DVD?



# **Practice**

**10) A store pays \$75 for an aquarium. The markup is 20%.  
What is the selling price?**