

15.6

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

=



=



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?