

Name: Key

## Notes on Percent Mark-up

7<sup>th</sup> Grade Math

### Mark- Up

Example: **The store bought a shirt at a wholesale price of \$15 and marks-up the price of the shirt 25%. What is the price of the mark-up? What is the actual price of the shirt?**

Solving:

1.  $\$15.00 \times 25\% = \$15.00 \times .25 = \$3.75$ , this is how much they marked up the shirt
2.  $\$3.75 + \$15.00 = \$18.75$  actual price of shirt

**Mark up you always add the two prices together!**

**You try..... You must show all your work !**

1. Marco buys a certain brand of shampoo from a supplier at \$7.25 per bottle. He sells it to his customers at a markup of 25%. What would the markup be?

$$\$7.25 \cdot .25 = \$1.81$$

2. A company buys a pair of shoes for \$14.99. They mark up the price 45%. How much is the mark-up price? How much is the actual price?

$$M.U. \rightarrow \$14.99 \cdot .45 = \$6.75$$

$$Act. Pr. \rightarrow \$14.99 + \$6.75 = \$21.74$$

3. The markup on a restaurant meal is 250%. A meal costs \$7.25 to produce. How much will the customer be charged, after markup

$$M.U. \rightarrow \$7.25 \cdot 2.5 = \$18.13$$

$$Cust. Charge \rightarrow \$7.25 + \$18.13 = \$25.38$$

# Notes on Discounts

7<sup>th</sup> Grade Math

## Discount

Example: Emma walks into American Eagle and wants to buy a shirt that is \$49.95. It is here lucky day and the store is having a sale for 35% off all shirts. How much is the discount price? How much will Emma Pay?

Solving:

1.  $\$49.95 \times 35\% = 49.95 \times .35 = \mathbf{\$17.48 \text{ discount amount}}$

2.  $\$49.95 - \$17.48 = \mathbf{\$32.47 \text{ price after discount}}$

**Discount you always subtract**

**You try..... You must show all your work!**

1. Jon is in the video store and a DVD that sells for \$15 is marked, "10% off". What is the discount? What is the sale price of the DVD?

Disc.  $\rightarrow \$15 \cdot .1 = \$1.5$

S.P.  $\rightarrow \$15 - \$1.5 = \$13.5$

2. In a grocery store, Daren buys a \$12 case of soda that is labeled, "Get a 15% discount." What is the discount? What is the sale price of the case of soda?

Disc  $\rightarrow \$12 \cdot .15 = \$1.8$

S.P.  $\rightarrow \$12 - \$1.8 = \$10.2$

3. Anthony is going to surprise Alyssa with Flowers. A regular boutique of roses is \$59.99. Anthony has a coupon for 25% off? What is the discount? What is the sale price of the flowers?

Disc.  $\rightarrow \$59.99 \cdot .25 = \$15.0$

S.P.  $\rightarrow \$59.99 - \$15 = \$44.99$