

ACTIVITY 10**MARK UP, MARK DOWN EXPLORATION**

1. A ring cost a jeweler \$200. She marks it up 300%. What is the price she will charge her customers?

$$200 + 200 (3) = \$ 800.00$$

2. A car normally sells for \$22,000 but it is marked down 7%. What is the selling price?

$$22,000 - (22,000) (.07) = \$ 20,460.00$$

3. A coat costs a store \$15.00. The manager wants to mark the coat up such that if he has to mark the coat down 75%, the store still makes a gross profit of \$20.00. What should the original selling price be?

$$1.00 x - .75 x = 15.00 + 20.00$$

$$.25 x = 35.00 \qquad \$ 140.00$$

4. A shirt costs a store \$8.00. The manager wants to mark the shirt up such that if he has to mark down the shirt 75%, the store still makes a gross profit of 25% of the original cost. What should be the original selling price?

$$.25 (8.00) = 2.00 \quad \text{Profit}$$

$$8.00 + 2.00 = 10.00$$

$$.25x = 10.00 \qquad \$ 40.00$$