

Name \_\_\_\_\_

\* Discount = Orig (1 - ) \* Date \_\_\_\_\_

Mr. Tallman

**Homework #38 - Discount/Markdown**

**Directions: Answer the following questions. SHOW ALL WORK.**

1) The regular price of a DVD is \$24. During a sale, the price of a DVD is marked down 30%. What will be the sale price of the DVD?

Orig: 24       $x = 24(.3)$       24 - 7.20  
 Disc: x       $x = \$7.20$        $\$16.80$   
 %: 30

2) At a clearance sale, Lindsay bought a jacket that was discounted 60%. The regular price of the jacket was \$89. How much did Lindsay pay for the jacket?

Orig: 89       $x = 89(.6)$       89 - 53.40  
 Disc: x       $x = \$53.40$        $\$35.60$   
 %: 60

3) A clothing store is having an anniversary sale. A shirt that was originally \$23 is now \$19.55. What is the percent of the discount?

Orig: 23       $\frac{3.45}{23} = \frac{23(x)}{23}$   
 Disc: 3.45       $x = 0.15 \rightarrow 15\%$   
 %: x

4) A shoe store has a pair of shoes that are on sale for \$90. The shoes were discounted 25%. What was the original price of the shoes?

75% of what number is \$90?  
 Part: x      Part = whole (1 - )  
 Whole: 90       $x = 90(.75)$   
 %: 75       $x = \$67.50$

