Name _____   Date_____

Lesson 14: Multistep Ratio Problems

1. A bicycle shop advertised all mountain bikes priced at a $\frac{1}{3}$ discount.

    a.   What is the amount of the discount if the bicycle originally costs $327?

    b.   What is the discount price of the bicycle?

    c.   Explain how you found your solution to part b.

2. A hand-held digital music player was marked down by $\frac{1}{4}$ of the original price.

    a.   If the sales price is $128.00, what is the original price?

    b.   If the item was marked up by $\frac{1}{2}$ before it was placed on the sales floor, what was the price that the store paid for the digital player?

    c.   What is the difference between the discount price and the price that the store paid for the digital player?