CHECK YOUR KNOWLEDGE

1. A computer has a price tag of $300. The store is giving you a 15% discount for the computer. Find the discount and final price of the computer.

2. Find the discount and final price when you receive 20% off a pair of pants that costs $48.00.

3. A bike is on sale for 45% off of the regular price. If the sale price is $299.75, what was the original price?

4. At a clothing store, a sign in the window says, "Clearance sale: 15% off all items." You find a shirt you like with an original price of $30.00; however, a sticker on the tag says, "Take an additional 10% off the final price." How much will this shirt cost after the discounts are taken?

5. You want to buy a new truck. At dealership A, the truck you want costs $14,500, but they offer you a 10% discount. You find the same truck at dealership B, where it costs $16,000, but they offer you a 14% discount. Which dealership is offering you a better deal?

6. A manufacturer makes a bookshelf that costs $50. The price at the store is increased by a markup of 8%. Find the markup amount and the new price.

7. A bike mechanic makes a bike for $350. A bike shop then marks it up by 15%. What is the markup amount? What is the new price?

8. A supermarket charges $3.24 for a carton of milk. They mark up the milk by 35% in order to make a profit. What is the original cost of the milk?

9. Phoebe wants to buy a TV. Store #1 sells the TV for $300. Store #2 has a TV that costs $250, but marks up the price by 25%. From which store should Phoebe buy the TV?

10. A furniture store has a bed that costs $200 in stock. It decreased the price by 30%. It then marked up the price by 20%. What is the new price of the bed?