**MARKDOWN AND SALE PRICE**

Stores often sell products at sale prices that are lower than their regular selling prices. The markdown or discount is the amount of money that you save by purchasing a product at the sale price. The markdown rate or discount rate of an item is its markdown expressed as a percentage of its regular selling price.

\[
\text{Markdown} = \text{Regular Selling Price} - \text{Sale Price}
\]

\[
\text{Markdown} = \text{Markdown Rate} \times \text{Regular Selling Price}
\]

\[
\text{Sale Price} = \text{Regular Selling Price} - \text{Markdown}
\]

For Problems 1 and 2, determine the markdown.

1. **Button front tank.**
   Ribbed cotton in blue, olive, or yellow. S-M-L.
   Orig. $29, sale $20.30

2. **Tattersall blouse.**
   Reg. $48, sale $36

For Problems 3 and 4, determine the markdown and the sale price.

3. **Petite Coordinates**
   \[25\% \text{ Off}\]
   Blazers, skirts & pants in navy, black or tan. Sizes 6–16.

4. **Spring Jackets**
   \[\text{Up to}30\% \text{ Off}\]
   Wide range of basic and fashion colors in nylon or poplin jackets.
   S, M, L, XL...
   REG. $99.99

5. A book store has paperback books marked down 25 percent. What is the total sale price of four books that regularly sell for $8.95, $9.55, $6.85, and $12.95?

6. During a September Sale, Camper Supply has marked down all items 30 percent. Judy Vaughn purchases a deluxe portable grill that regularly sells for $79.99 and a set of barbecue tools that regularly sells for $19.98. What is the total sale price?

7. Gechina Galvez shopped at a department store during the end-of-summer sale. All luggage was marked down 35 percent. She purchased a suitcase that regularly sells for $74.95, a garment bag that regularly sells for $80.00, and a tote bag that regularly sells for $39.99. What is the total sale price?

8. During the winter clearance sale, The Cyclery has marked down all bicycles 20 percent and all accessories 25 percent. You purchase a 26-inch 10-speed bike that regularly sells for $399.95, a chain and lock that regularly sell for $16.99, a tire gauge and pump that regularly sell for $24.49, and a deluxe generator and light package that regularly sells for $79.95. What is the total sale price for your purchases?