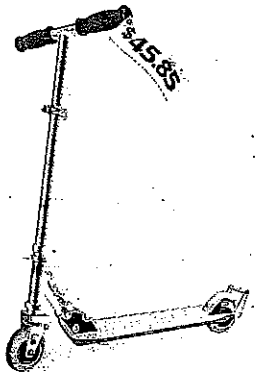
20. YOU BE THE TEACHER The cost to a store for an MP3 player is \$60. The selling price is \$105. A classmate says that the markup is 175% because $\frac{\$105}{\$60} = 1.75$. Is your classmate correct? If not, explain how to find the correct percent of markup.



21. SCOOTER The scooter is on sale for 90% off the original price. Which of the methods can you use to find the sale price? Which method do you prefer? Explain.

Multiply \$45.85 by 0.9.

Multiply \$45.85 by 0.1.

Multiply \$45.85 by 0.9, then add to \$45.85.

Multiply \$45.85 by 0.9, then subtract from \$45.85.

22. GAMING You are shopping for a video game system.

a. At which store should you buy the system?

b. Store A has a weekend sale. What discount must Store A offer for you to buy the system there?

Store	Cost to Store	Markup
A	\$162	40%
B	\$155	30%
C	\$160	25%

23. STEREO A \$129.50 stereo is discounted 40%. The next month, the sale price is discounted 60%. Is the stereo now "free"? If not, what is the sale price?

24. CLOTHING You buy a pair of jeans at a department store.

a. What is the percent of discount to the nearest percent?

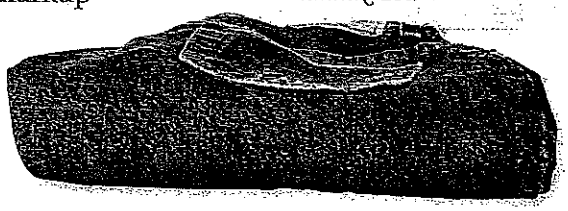
b. What is the percent of sales tax to the nearest tenth of a percent?

c. The price of the jeans includes a 60% markup. After the discount, what is the percent of markup to the nearest percent?

Department Store

Jeans	39.99
Discount	-10.00
Subtotal	29.99
Sales Tax	1.95
Total	31.94

Thank You



25. Critical Thinking You buy a bicycle helmet for \$22.26, which includes 6% sales tax. The helmet is discounted 30% off the selling price. What is the original price?

Fair Game Review What you learned in previous grades & lessons

Evaluate. *(Skills Review Handbook)*

26. 2000(0.085) **27.** 1500(0.04)(3) **28.** 3200(0.045)(8)

29. MULTIPLE CHOICE Which measurement is greater than 1 meter? *(Skills Review Handbook)*

Ⓐ 38 inches Ⓑ 1 yard Ⓒ 3.4 feet Ⓓ 98 centimeters