

**PRACTICE** ♦ Buying Audio and Video Equipment**6.1**

Find the sale price to the nearest cent. Remember to estimate whenever you use your calculator.

Item	Regular price	Discount rate	Sale price
Double cassette deck	\$430.00	40%	1.
Pocket television	\$109.20	20%	2.
Speakers	\$315.65	45%	3.
FM stereo antenna	\$89.60	15%	4.
Stereo video recorder	\$398.42	35%	5.
Stereo head phones	\$23.75	30%	6.

Find the discount rate to the nearest percent.

Item	Regular price	Sale price	Discount rate
Digital clock radio	\$43.75	\$35.00	7.
Video camera	\$823.65	\$535.37	8.
Compact disc player	\$98.40	\$83.64	9.
Audio cassette tape	\$260.85	\$213.95	10.
Personal cassette player	\$89.55	\$79.70	11.
Automatic turntable	\$138.70	\$83.22	12.

Find the retail price to the nearest cent.

Item	Wholesale price	Markup price	Retail price
17" color TV	\$210.00	55%	13.
Car stereo	\$60.00	82%	14.
Cartridge	\$29.50	60%	15.
Portable stereo	\$90.65	70%	16.
Telephone answering machine	\$65.15	33%	17.
AM/FM receiver	\$260.78	45%	18.

19. A large-screen color TV is regularly priced at \$1,865.00. The first week of a sale, the price was discounted 15%. The second week, the price was reduced an additional 15%. What was the final price?

20. Best Buy Electronics buys a car stereo for \$62.89. It then marks the item up 75%. What does the car stereo sell for? What would be the price with a 20% discount?

**PRACTICE** ♦ Buying Clothes

6.2

**SWEATPANTS**

Reg. \$12.<sup>99</sup> .....\$8.<sup>44</sup>
**GYM SHORTS**

Reg. \$8.<sup>79</sup> .....\$5.<sup>71</sup>
**RUNNING SHOES**

Reg. \$32.<sup>98</sup> .....\$21.<sup>44</sup>
**SWEATSHIRTS**

Reg. \$11.<sup>98</sup> .....\$7.<sup>79</sup>

Use the ad above to complete the table, excluding sales tax. Remember to estimate whenever you use your calculator.

Purchase made	Estimated cost	Exact cost	Amount given	Change
1 sweatshirt 1 sweatpants	1.	2.	\$20.00	3.
1 pair running shoes 1 sweatshirt	4.	5.	\$30.00	6.
2 sweatpants 1 pair running shoes	7.	8.	\$40.00	9.
2 gym shorts 2 sweatshirts	10.	11.	\$30.00	12.
3 sweatpants 1 pair running shoes	13.	14.	\$50.00	15.

Use the table above to answer Exercises 16 and 17.

16. James bought 2 pairs of gym shorts and 1 sweatshirt. How much did he save by buying them on sale?

17. Anthony bought 1 pair of running shoes, 2 sweatshirts, and 1 pair of sweatpants, all on sale. How much did he save?

Regular price	Sweaters \$28.00	Wool pants \$38.00	Wool blazers \$48.00
Winter sale	\$15.99	\$21.99	\$32.99

Use the sale information above to complete the table.

Purchase made	Regular price	Sale price	Amount saved
1 sweater and 1 blazer	18.	19.	20.
3 wool pants	21.	22.	23.
2 sweaters and 2 wool pants	24.	25.	26.