

<u>Discount and Markup</u>

A store sells items for more than it pays for them The amount of increase is called the **markup**. The percent of markup is a percent of **increase**.

A <u>aiscount</u> is the amount by which a regular prices is reduced. The percent of discount is a percent of <u>olcylase</u>

Remember to convert the percent to a decimal when finding a discount or markup

Guided Practice

Find the selling price for each item given the cost and the percent of markup. (Example 1)

- 1. shoes: \$30; 25% markup \$37.50 $0.25 \times 30 = 7.50$ 2. CD player: \$45; 31% markup \$58.95
- **3.** jeans: \$22; 20% markup **\$26.40**

- **4.** guitar: \$100; 34% markup **\$134.00**
- **5.** swim suit: \$36: 28% markup **\$46.08**
- **6.** flash drive: \$12: 35% markup **\$16.20**
- 7. Find the sale price of a bike that is regularly \$110 and is on sale for 45% off the original price. (Example 2) \$60.50
- **8.** An art supply store has a sale advertising 40% off all canvases. Shelly buys four large canvases and pays a total of \$141.60. How much would she have paid without the discount? (Example 3) \$236
- **9.** Danisha picks up a takeout meal at a local restaurant that is discounted 25%. The price is \$24.60 without the discount, and sales tax of 4.5% is added. How much does Danisha pay? (Example 4) \$19.28

Independent Practice

Go online for Step-by-Step Solutions

Find the selling price for each item given the cost and the percent of markup. (Example 1)

- 10. video game: \$60; 28% markup \$76.80 • 28 60 = 16.80 to 10 bracelet: \$26.50; 35% markup \$35.78
- 12. jacket: \$25; 32% markup \$33.00
- **13.** stereo: \$55; 40% markup **\$77.00**
- **14.** wallet: \$14.50; 30% markup **\$18.85**
- **15.** phone: \$34; 36% markup **\$46.24**
- **16.** television: \$499; 20% markup **\$598.80**
- 17. mountain bike: \$255; 34% markup \$341.70
- **18.** A salon is having a sale on their hair products. Find the sale price of the shampoo and conditioner set shown below that regularly costs \$30. (Example 2) \$22.50
- **19.** The unlimited rental plan at a video store costs \$30 a month. It is on sale for 35% off the original price. What is the sale price of the plan? (Example 2) **\$19.50**



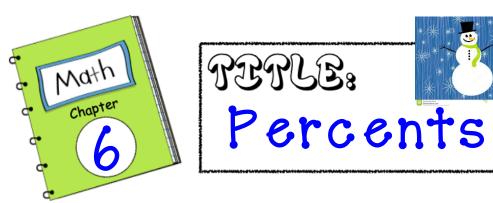
Find the selling price for each item given the cost and the percent of the markup or discount. (Examples 1-2)

20. shirt: \$7; 50% discount **\$3.50**

- 21. jeans: \$32; 40% markup \$44.80
- **22.** sweater: \$35; 28% discount **\$25.20**
- 23. DVD: \$15; 33% markup **\$19.95**

24. coat \$43; 40% discount \$25.80

25. boots \$60; 25% discount **\$45.00**



| Date | Lesson | Topic/Assignment |
|----------|--------|--------------------------------------|
| 1-4 | 1 | Using Percent Proportion Video Notes |
| 1-5 | I | HOMEWORK: HW Prac WS |
| 1-5 | | CLASSWORK: Pg253 WS |
| 1-6 | 2 | Finding Percent Mentally Video Notes |
| 1-7 | 2 | HOMEWORK: Skills WS |
| 1-7 | 2 | CLASSWORK: Extra Practice WS |
| 1-8 | 2 | 10% Rule Video Notes |
| <u> </u> | 3 | Using Percent Equation Video Notes |
| I-12 | 3 | HOMEWORK: Magnolia Riddle WS |
| 1-12 | 3 | CLASSWORK: Practice WS 6 Boxes |
| 1-14 | 1-3 | CLASSWORK: Reteach Packet |
| 1-19 | 5 | Discount and Markup Video Notes |
| 1-20 | 5 | CLASSWORK: Pg277WS |
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White boards practice:

swim trunks: \$10; 8% markup

tennis racket: \$120; 25% discount

car tire: \$126; 8% discount

mp3 player: \$114; 4% markup

laptop computer: \$1,048; 50% discount

griddle: \$30; 11% markup