

7th Grade
Jan 20, 2021

Today we will:

- complete Pg277 WS
- review answers
- work on white boards if time



HOMEWORK:

ALEKS assignment:
60 min and 5 topics
due Monday by
11:59pm



Discount and Markup

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 discount is the amount by which a regular price is reduced. The percent of discount is a percent of decrease.

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** $0.25 \times 30 = 7.50$
 $30 + 7.50 = 37.50$
 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** $0.28 \cdot 60 = 16.80 + 60$
11. 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**



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