

**Skills Practice****Discount, Markup, and Sales Tax**

Find the sale price of each item to the nearest cent.

1. guitar: \$600, 20% discount
2. slacks: \$42, 10% discount
3. bracelet: \$45, 15% discount
4. burger: \$2.50, 5% discount
5. toaster: \$52, 12% discount
6. golf balls: \$13, 10% discount

Find the total cost of each item to the nearest cent.

7. winter boots: \$85, 7.5% tax
8. blush: \$16.50, 8% tax
9. camera: \$250, 8.25% tax
10. frozen pizza: \$6.25, 5.25% tax
11. tent: \$102, 7% tax
12. wrapping paper: \$6.50, 4% tax

Find the selling price for each item given the percent of markup.

13. video game: \$70, 30% markup
14. frying pan: \$35, 10% markup
15. baseball glove: \$50, 20% markup
16. skates: \$90, 15% markup
17. glasses: \$250, 25% markup
18. microwave: \$95, 22% markup

Find the total cost of each item to the nearest cent.

19. running outfit: \$85, 25% discount, 5% tax
20. softball: \$16, 10% discount, 7.5% tax

**Skills Practice****Financial Literacy: Interest**

Find the simple interest to the nearest cent.

1. \$500 at 4% for 2 years
2. \$800 at 9% for 4 years
3. \$350 at 6.2% for 3 years
4. \$280 at 5.5% for 4 years
5. \$740 at 3.25% for 2 years
6. \$1,150 at 7.6% for 5 years
7. \$725 at 4.3% for  $2\frac{1}{2}$  years
8. \$266 at 5.2% for 3 years
9. \$955 at 6.75% for  $3\frac{1}{4}$  years
10. \$1,245 at 5.4% for 4 years

Find the total amount in each account to the nearest cent if the interest is compounded annually.

11. \$400 at 3.5% for 2 years
12. \$710 at 5% for 4 years
13. \$90 at 6.2% for 4 years
14. \$870 at 7.4% for 3 years
15. \$1,200 at 5.24% for 36 months
16. \$65 at 12% for 2 years
17. \$540 at 8.6% for 5 years
18. \$888 at 2.4% for 24 months
19. \$112 at 2% for 36 months
20. \$640 at 10% for 4 years

**Skills Practice****Percent of Change**

Find each percent of change. Round to the nearest tenth if necessary.  
State whether the percent of change is an *increase* or a *decrease*.

1. original: 4 computers  
new: 6 computers
2. original: \$35  
new: \$28
3. original: 80 days  
new: 52 days
4. original: 45 hours  
new: 63 hours
5. original: 120 minutes  
new: 132 minutes
6. original: 210 miles  
new: 105 miles
7. original: 84 customers  
new: 111 customers
8. original: \$91  
new: \$77
9. original: 100 bacteria  
new: 200 bacteria
10. original: 300 students  
new: 250 students
11. original: 75°F  
new: 60°F
12. original: 180 houses  
new: 270 houses
13. original: \$35  
new: \$45
14. original: 550 people  
new: 425 people