

MATH 20  
EXTRA PRACTICE/6.6

Name \_\_\_\_\_

**Find the amount of sales tax or tax rate and the total cost. Round money answers to the nearest cent if necessary.**

1) Amount of sale: \$860 Tax rate: 8%

2) Amount of sale: \$690 Amount of tax: \$41.40

3) Amount of sale: \$840 Amount of tax: \$50.40

**Find the commission earned or the rate of commission. Round money answers to the nearest cent if necessary.**

4) Sales: \$330 Commission rate: 4%

5) Sales: \$401    Commission rate: 9%

**Find the amount or rate of discount and the sale price after the discount. Round money answers to the nearest cent if necessary.**

6) Original price: \$870    Rate of discount: 30%

7) Original price: \$13.00    Rate of discount: 20%

8) Original price: \$262    Amount of discount: \$91.70

**Solve the problem.**

9) A kitchen table costs \$870. The sales tax is \$34.80. What is the sales tax rate and what is the total price paid?

- 10) The sales tax on a freezer is \$47.28 and the sales tax rate is 6%. Find the purchase price (the price before taxes are added) and the total price paid. Round your answers to the nearest cent.
- 11) A camera costs \$820. If the sales tax rate is 4%, how much tax is charged and what is the total price? Round your answers to the nearest cent.
- 12) The total price (including sales tax) of a VCR is \$435.46. The sales tax rate is 6%. What is the purchase price of the VCR (the price before taxes are added)? Round your answer to the nearest cent.
- 13) Bathing suits are often on sale in July. The regular price of one suit is \$45. With a 15% discount, what is the sale price of the suit?
- 14) The regular price of a ring is \$211.50. During a May jewelry sale, the ring was discounted 25%. What was the sale price of the ring?

- 15) The regular price of a double roll of wallpaper is \$24. During a May sale, wallpaper was discounted 20%. What was the sale price of a double roll of wallpaper?
- 16) The price of a necklace is \$18.99. If the salesperson's rate of commission is 14%, how much commission is earned on the sale of the necklace? Round to the nearest cent.
- 17) A salesman earns a straight commission of 25%. One week he had sales of \$1940. Find his gross pay for the week.
- 18) Stephanie receives a salary of \$650 per month plus a commission of 5.5% on the first \$3,000 of sales, and 7% of all sales over \$3,000. Find Stephanie's gross pay for the month if her sales were \$10,510.
- 19) Ellen sells \$440 worth of clothes and earns \$35.20 in commission. What is the commission rate?

**Solve the problem. Round to the nearest tenth if necessary.**

20) On a biology test, a student got 25 questions correct but did not pass. On a second attempt, the student got 37 questions correct. What was the percent of increase?

21) Enrollment in a business seminar increased from 70 people to 94 people. What was the percent of increase?

22) By switching service providers, a family's telephone bill decreased from about \$50 a month to about \$46. What was the percent of decrease?

23) All 32 of the students in a mathematics class attended class on Monday. On Tuesday only 22 students attended. What was the percent of decrease?

## Answer Key

Testname: M20\_6.6

- 1) \$68.80, \$928.80
- 2) 6%, \$731.40
- 3) 6%, \$890.40
- 4) \$13.20
- 5) \$36.09
- 6) \$261.00, \$609.00
- 7) \$2.60, \$10.40
- 8) 35%, \$170.30
- 9) 4%, \$904.80
- 10) \$788.00, \$835.28
- 11) \$32.80, \$852.80
- 12) \$410.81
- 13) \$38.25
- 14) \$158.63
- 15) \$19.20
- 16) \$2.66
- 17) \$485.00
- 18) \$1340.70
- 19) 8%
- 20) 48%
- 21) 34.3%
- 22) 8%
- 23) 31.3%