

Test Yourself Chapter 11 Consumer arithmetic

Name: _____

All Multiple Choice

- 1** Jake's annual salary is \$38 670. His fortnightly pay is:
A \$1760.50
B \$743.65
C \$989.55
D \$1487.31
- 2** Which of the following is the highest annual salary?
A \$530 per week
B \$1075 per fortnight
C \$2330 per month
D \$27 900 per annum
- 3** Janet's annual salary is \$26 240. Her weekly pay is:
A \$743.65
B \$1009.23
C \$671.28
D \$504.62
- 4** Billy charges \$8.50 per hour to babysit. If he babysits 12 hours in one week, he will earn:
A \$51.00
B \$102.00
C \$98.00
D \$96.00
- 5** Peter earns \$6.25 per hour. How many hours will it take him to earn \$85?
A 12
B 13
C 14
D 15
- 6** Kate receives a normal rate of pay of \$12.60 per hour. When Kate works on Saturday she is paid time-and-a-half. What is Kate's hourly rate on Saturday?
A \$6.30
B \$18.90
C \$25.20
D \$31.80
- 7** If an hourly pay rate is \$8.96, $4\frac{1}{2}$ hours' overtime paid at time-and-a-half will be:
A \$60.48
B \$13.44
C \$51.45
D \$40.32
- 8** Iona works two hours every day of the week. Her hourly rate is \$12.76, and she is paid time-and-a-half on Saturday and double-time on Sunday. How much does she earn in a week?
A \$216.92
B \$197.78
C \$127.60
D \$178.64
- 9** James has a job delivering pamphlets to letterboxes. He is paid \$11.45 per 1000 pamphlets. If James delivers 3200 pamphlets he is paid:
A \$34.35
B \$36.64
C \$34 350
D \$36 640

- 10** Domonic is a car detailer who is paid \$22.75 for the first 50 cars detailed each week and \$28.25 for any cars detailed thereafter. Calculate what Domonic will earn in a week where he details 61 cars.
- A \$1387.75
 - B \$1448.25
 - C \$1723.25
 - D \$2860.75
- 11** Norbert is a writer who is paid a royalty of 12.5% on the gross sales of his book. Norbert's royalties on book sales totalling \$25 000 will be:
- A \$1250
 - B \$2500
 - C \$3125
 - D \$3750
- 12** Using the information in question **11**, the value of book sales that would be needed for Norbert to receive \$6000 in royalties is:
- A \$750
 - B \$48 000
 - C \$60 000
 - D \$72 000
- 13** Bernice is paid a retainer of \$280 per week and receives a commission of 2.5% of all sales above \$10 000 each week. In a week where Bernice's sales total \$15 000, her earnings will be:
- A \$125
 - B \$375
 - C \$405
 - D \$655
- 14** A real estate agent is paid 1.5% commission on all properties he sells. If he sells two properties in a month for \$135 500 and \$176 250, how much does he earn in the month?
- A \$2032.50
 - B \$4676.25
 - C \$3548.20
 - D \$3950.00
- 15** Andrew works on a road crew and is paid \$10.96 per hour. In wet weather Andrew is paid a loading of 90c per hour. Andrew's wage in a week where he works 38 hours of which 12 are in wet weather is:
- A \$295.76
 - B \$416.48
 - C \$427.28
 - D \$450.68
- 16** Kieran earns \$12.40 per hour for a 40 hour working week. Kieran's total pay for his 4 weeks holiday including a 17.5% holiday loading is:
- A \$347.20
 - B \$496.00
 - C \$1984.00
 - D \$2331.20
- 17** Jessica earns \$1140 per week. Use the table on page 431 of the text to determine her net pay given that tax will be her only deduction.
- A \$293.80
 - B \$846.20
 - C \$1140.00
 - D \$1433.80
- 18** Peter earns \$680 per week. Use the table on page 431 of the text to determine the percentage of gross income that Peter pays in tax.
- A 19.7%
 - B 19.8%
 - C 80.2%
 - D 80.3%
- 19** Susan borrowed \$9500 at 8.5% p.a. interest. How much interest did Susan pay the first year?
- A \$902.50
 - B \$1185.00
 - C \$807.50
 - D \$980.80

- 20** The simple interest earned on \$5000 at 8% p.a. for 3 years is:
- A \$400
 - B \$800
 - C \$1200
 - D \$6200

- 21** Yael borrowed \$2 400 at 5.5% p.a. interest. How much interest did Yael pay in the first year?
- A \$86.00
 - B \$132.00
 - C \$189.00
 - D \$240.00

- 22** Juan invests \$2600 at 8.5% interest per annum. How much interest will Juan receive in the first year?
- A \$850
 - B \$260
 - C \$221
 - D \$100