

Name: _____

ID: A

- _____ 5. Nadia receives an annual salary of \$34000.00. What is her average monthly income?
- .
- a. \$680.00
 - b. \$1307.69
 - c. \$2833.33
 - d. \$708.33
- _____ 6. Ricardo earns a commission on all the sales he makes for A+ Computers. If he makes sales totalling \$1450.00 one week and takes home \$170.00, what is his rate of commission?
- .
- a. 14%
 - b. 10.7%
 - c. 5.3%
 - d. 11.7%
- _____ 7. Cole earns a commission on all paintings he sells for an art gallery. If he makes sales totalling \$14950.00 one week and takes home \$1070.00, what is his rate of commission?
- .
- a. 8.6%
 - b. 7.2%
 - c. 36.7%
 - d. 6.2%
- _____ 8. Hugo assembles motherboards for a computer manufacturer. He is paid \$7.00/board he completes. If he completes 17 boards a day for 3 days, how much does he earn that week?
- .
- a. \$119.00
 - b. \$285.60
 - c. \$357.00
 - d. \$464.10
- _____ 9. Franco works at an isolated research station in Nunavut for 6 months of the year, for which he earns isolation pay. His annual salary is \$41125.00. If he earned \$48750.00 in one year, how much was his isolation pay?
- .
- a. \$45750.00
 - b. \$7625.00
 - c. \$1270.83
 - d. \$9150.00

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____ 10. If you earn a gross income of \$4096.00/month and you have \$1474.56 deducted from your monthly paycheque, what percentage of your wages is being deducted?

- a. 36%
- b. 50%
- c. 3%
- d. 39%

Short Answer

1. Glenda works as a plumber. She earns \$25.90/hour. If it takes her 21 hours to complete a job, how much will she earn?

2. Mandeep works as a personal trainer. He charges \$38.00 for a 1-hour session and \$53.20 for a 90-minute session. Mandeep ran the following personal-training sessions last week. Calculate his earnings for the week.

Day	1-hour sessions	90-minute sessions
Monday	1	2
Tuesday	2	0
Thursday	1	4
Friday	2	2
Saturday	5	2

3. Louise has just started working as a dental assistant.
 - a) If she makes \$714.75/week, what are her yearly earnings?

 - b) What are her monthly earnings?

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4. Rachelle earns a 12% commission on all sales she makes at a clothing store. She also earns \$9.45/hour. If she makes clothing sales of \$27.99, \$34.99, \$20.99, and \$39.19 in a 5.75-hour shift, how much does she make for the day?
.
5. Georgia's gross pay is \$1300.00 every 2 weeks. She pays \$42.12 for union dues. What percentage of her pay goes to this deduction?
.
6. How much money should you leave on a bill of \$28.07 if you want to tip 20%?
.

Problem

1. Iona sells firewood. She pays her son \$17.25/cord to chop and stack the wood for delivery. She then sells the wood for \$52.00/cord.
 - a) How much does her son earn if he chops and stacks 15 cords of wood?
 - b) How much does Iona earn when she sells 15 cords wood?
.
2. Lance is a travelling salesman. He is reimbursed for his driving at \$0.41/km drives and receives a 35% commission on all his sales. If he drives 2012 km in one month and sells \$6200.00 worth of merchandise, how much will he be paid?
.

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3. Which of the following jobs pays more per hour?

- A child care worker earns \$952.43 for 41 hours of work per week.
- An office assistant makes a yearly salary of \$47840.00 and works 40 hours per week.
- A mechanic works 8.5 hours/day, 5 days a week, and earns \$1147.50 a week.

4. Using the pay statement below, determine how many hours Penelope works each day. Assume she works a 5-day work week, and works the same number of hours each day.

Employee Name: Penelope Mendez	
Company: GH Medical	Pay Begin Date: 10/10/2010
	Pay End Date: 10/16/2010

General	
Employee ID: 123412	Job Title: Registered Nurse
Address:	Pay Rate: \$33.00
	Annual: -

Hours and Earnings			
Description	Rate	Hours	Gross Earnings
Regular	\$33.00		\$1386.00

Ch 2 Final Review
Answer Section

MULTIPLE CHOICE

1. ANS: D PTS: 1 DIF: Moderate REF: 2.1
 OBJ: Number LOC: N-SO2 TOP: Wages and Salaries
2. ANS: D PTS: 1 DIF: Easy REF: 2.3
 OBJ: Number LOC: N-SO2 TOP: Additional Earnings
 KEY: Bonus
3. ANS: C PTS: 1 DIF: Easy REF: 2.4
 OBJ: Number LOC: N-SO2 TOP: Deductions and Net Pay
 KEY: Deductions
4. ANS: A PTS: 1 DIF: Easy REF: 2.1
 OBJ: Number LOC: N-SO2 TOP: Wages and Salaries
 KEY: Salary
5. ANS: C PTS: 1 DIF: Easy REF: 2.1
 OBJ: Number LOC: N-SO2 TOP: Wages and Salaries
 KEY: Salary
6. ANS: D PTS: 1 DIF: Easy REF: 2.2
 OBJ: Number LOC: N-SO2 TOP: Alternative Ways to Earn Money
 KEY: Commission
7. ANS: B PTS: 1 DIF: Easy REF: 2.2
 OBJ: Number LOC: N-SO2 TOP: Alternative Ways to Earn Money
 KEY: Commission
8. ANS: C PTS: 1 DIF: Easy REF: 2.2
 OBJ: Number LOC: N-SO2 TOP: Alternative Ways to Earn Money
 KEY: Piecework
9. ANS: B PTS: 1 DIF: Easy REF: 2.3
 OBJ: Number LOC: N-SO2 TOP: Additional Earnings
 KEY: Isolation Pay
10. ANS: A PTS: 1 DIF: Easy REF: 2.4
 OBJ: Number LOC: N-SO2 TOP: Deductions and Net Pay
 KEY: Deductions

SHORT ANSWER

1. ANS:
 Calculate Glenda's earnings.
 $21 \times \$25.90 = \543.90
 Glenda earns \$543.90 for the job.
 PTS: 1 DIF: Easy REF: 2.1 OBJ: Number
 LOC: N-SO2 TOP: Wages and Salaries KEY: Hourly Wage

5. ANS:
 Calculate what percentage \$42.12 is of \$1300.00.
 $\frac{\$42.12}{\$1300.00} \times 100 = 3.24$

Georgia pays 3.24% of her gross pay to union dues.

PTS: 1 DIF: Easy REF: 2.4 OBJ: Number
 LOC: N-SO2 TOP: Deductions and Net Pay KEY: Deductions

6. ANS:
 Convert the percentage to a decimal.
 $20 \div 100 = 0.20$

Multiply by the amount of the bill.
 $0.20 \times \$28.07 = \5.61

You should leave a tip of \$5.61.

PTS: 1 DIF: Easy REF: 2.3 OBJ: Number
 LOC: N-SO2 TOP: Additional Earnings KEY: Tips

PROBLEM

1. ANS:
 a) $\$17.25 \times 15 = \258.75

Iona's son earns \$258.75 for chopping and stacking 15 cords of wood.

b) Calculate Iona's earnings per cord of wood.

earnings = sale price – son's wage
 $\$52.00 - \17.25
 earnings = \$34.75

$\$34.75 \times 15 = \521.25

Iona earns \$521.25 when she sells the wood.

PTS: 1 DIF: Moderate REF: 2.2 OBJ: Number
 LOC: N-SO2 TOP: Alternative Ways to Earn Money KEY: Piecework

2. ANS:
 Add Mandeep's 1-hour sessions.
 $1 + 2 + 1 + 2 + 5 = 11$

Add Mandeep's 90-minute sessions.
 $2 + 0 + 4 + 2 + 2 = 10$

Calculate Mandeep's earnings.
 $(11 \times \$38.00) + (10 \times \$53.20) = \$950.00$

Mandeep will earn \$950.00 for the week.

PTS: 1 DIF: Moderate REF: 2.1 OBJ: Number
 LOC: N-SO2 TOP: Wages and Salaries KEY: Hourly Wage

3. ANS:
 a) Calculate her yearly earnings.

$52 \times \$714.75 = \37167.00

Louise earns \$37167.00 per year.

b) To calculate Louise's monthly earnings, divide her yearly earnings by 12.

$\$37167.00 \div 12 = \3097.25

Louise earns \$3097.25/month.

PTS: 1 DIF: Easy REF: 2.1 OBJ: Number
 LOC: N-SO2 TOP: Wages and Salaries KEY: Salary

4. ANS:
 Calculate 12% of her total sales.
 $0.12(\$27.99 + \$34.99 + \$20.99 + \$39.19) = \$14.78$

Calculate her earnings from her hourly wage.
 $\$9.45 \times 5.75 = \54.34

Add her commission plus her regular earnings.
 $\$14.78 + \$54.34 = \$69.12$

Rachelle earns \$69.12 for the day.

PTS: 1 DIF: Moderate REF: 2.2 OBJ: Number
 LOC: N-SO2 TOP: Alternative Ways to Earn Money KEY: Commission

4. ANS: Divide Penelope's gross earnings by the number of days she works, and by her pay per day.

$$\$1386.00 \div \$33.00 = 42 \text{ hours}$$

Penelope works 42 hours per week.

Divide her hours of work per week by the number of days she works.
 $42 \div 5 = 8.4 \text{ h}$

Penelope works 8.4 hours per day.

PTS: 1 DIF: Moderate REF: 2.1 OBI: Number
 LOC: N-SO2 TOP: Wages and Salaries

2. ANS: Calculate how much he will be reimbursed for his driving.
 $\$0.41 \times 2012 = \824.92

Calculate his commission.
 $0.35 \times \$6200.00 = \2170.00

Add to calculate his total payment.
 $\$824.92 + \$2170.00 = \$2994.92$

Lance will be paid \$2994.92.

PTS: 1 DIF: Easy REF: 2.3
 LOC: N-SO2 TOP: Additional Earnings

3. ANS: Calculate the hourly rate for each job.

Child care worker:
 $\$952.43 \div 41 = \23.23

The child care worker earns \$23.23/hour.

Office assistant:
 $\$47840.00 \div 52 = \920.00 per week
 $\$920.00 \div 40 = \23.00

The office assistant earns \$23.00/hour.

Mechanic:
 $\$1147.50 \div 5 = \229.50 per day
 $\$229.50 \div 8.5 = \27.00

The mechanic earns \$27.00/hour.

The mechanic earns the highest wage per hour.

PTS: 1 DIF: Moderate REF: 2.1
 LOC: N-SO2 TOP: Wages and Salaries

OBI: Number
 KEY: Hourly Wage