

Key

1. Write each length of time as a decimal that could be used in a calculation.

a) 10 hrs 30 min = 10.5 hrs

b) 7 hrs 15 min = 7.25 hrs

a) 13 hrs 45 min = 13.75 hrs

2. Identify two jobs that would pay each of the following ways:

a) hourly wage

Co-op clerk  
IGA clerk

b) piecework

strawberry farm  
selling programs of a game

c) salary

policeman  
teacher

d) commission

sales - car sales  
- real estate agent

e) contract

Carpenter - build a shed  
NHL player  
lawn care - sprays my lawn

3. Complete the chart. Round your answers to two decimal places.

Annual Salary	Monthly Earnings	Weekly Earnings
\$26 000	\$ 2166.67	\$ 500.00
\$22 500	\$ 1875.00	\$ 432.69
\$67 750	\$ 5645.83	\$ 1302.88

4. George has an annual salary of \$84 300. He gets a 3% bonus if his company does well. What is the maximum gross income George can earn?

$$84300 \times 0.03 = 2529$$

$$\text{max} = 84300 + 2529 = \underline{\underline{\$86829}}$$

5. Complete the chart.

Hourly Wage	Number of Hours Worked	Gross Income
\$10.70/hr	40	\$ 428.00
\$11.35/hr	27	\$ 306.45
\$18.65/hr	35	\$ 652.75

6. Cindy earns \$10.70 per hour. Her boss promises her a 50 cent raise. What will her new hourly rate be after the raise?

$$10.70 + 0.50 = \underline{\underline{\$11.20}}$$

7. Bonnie earns \$12.70 per hour. If she works the evening shift she gets a shift premium of \$1.25. Explain what this means.

↓  
 extra pay for less desirable shifts.  
 Ex night shift.  $12.70 + 1.25 =$   
 $\$13.95/\text{hr}$

8. Earnie earns minimum wage in Manitoba. If he works 40 hours, what is his gross pay?

$$\begin{aligned} \$11.35 \times 40 &= \$454.00 \\ \$11.95 \times 40 &= \underline{\underline{\$478.00}} \text{ Cool!} \\ &\text{as of Oct/2021} \end{aligned}$$

9. Gary has a job earning \$17.50/hr. If he works more than 40 hours in a week, he earns time and a half.

What was Gary's gross pay if he worked 44.5 hours last week?

$$\begin{aligned} 40 \times 17.50 &= 700 \text{ Regular} \\ 4.5 \times 17.50 \times 1.5 &= 118.13 \text{ OT} \\ \hline &\underline{\underline{\$818.13}} \end{aligned}$$

10. Julia earns \$18.40 per hour. She is paid double time if she works on Christmas Day. If she works an 8 hour shift, what will her gross pay be for Christmas Day?

$$18.40 \times 8 \times \underline{\underline{2}} = \underline{\underline{\$294.40}}$$

double

11. Determine the amount of commission for each person's sales.

Commission Rate	Total Sales	Commission Earned
5%	\$40 000	\$ 2000.00
3%	\$56 800	\$ 1704.00
2.5%	\$42 000	\$ 1050.00

12. Peter works in a store earning \$300 a week plus 4% commission on his sales. Last week his sales were \$4600. What was Peter's gross income for the week?

$$300 + (4600 \times 0.04) = \underline{\$484.00}$$

\$184

13. Katherine earns 25 cents for each phone survey she makes. Last night she made 120 calls. How much money did she earn?

$$120 \times 0.25 = \underline{\$30.}$$

14. Bertrand sells programs at hockey games. He is paid \$20 per game and gets 25 cents for each program he sells. What were Bertrand's gross earnings for selling 130 programs at a game?

$$20 + (130 \times 0.25) = \underline{\$52.50}$$

32.50

15. Jackie is paid \$12.50 per hour. Her boss promotes her to supervisor and gives her a raise of 25 cents. What percent increase did Jackie receive?

$$\frac{0.25}{12.50} \times 100 = \underline{\underline{2\%}}$$

$$\frac{\text{increase}}{\text{original}} \times 100$$

16. One of the basic three deductions is CPP.

- a) What does CPP stand for?

Canada Pension Plan

- b) Explain the purpose of the CPP deduction.

will pay you a monthly amount when you are older (65+)

17. Another one of the basic three deductions is EI.

- a) What does EI stand for?

Employment Insurance

- b) How can you claim EI benefits? (Two ways)

maternity leave - have a baby  
laid off - lose job or seasonal work.

18. List another deduction from pay. Try for at least two.

Income Tax.  
dental plan  
union dues

19. Conrad is paid \$15.70 per hour. Last week he worked 40 hours. His deductions include the following:

Union dues	\$2.90	} 206.83
Parking	\$3.50	
CPP	\$36.85	
EI	\$11.57	
Federal income tax	\$87.85	
Provincial income tax	\$64.16	

Find Conrad's net pay.

$$\begin{array}{r}
 \$15.70 \times 40 = \$628 \text{ gross pay} \\
 - 206.83 \text{ deductions} \\
 \hline
 \underline{\$421.17 \text{ net pay}}
 \end{array}$$

20. Calculate the CPP, EI, and income tax deductions for someone who has a weekly gross pay of \$826.92.

- a) Calculate CPP at 4.95% of weekly gross pay.

$$826.92 \times 0.0495 = \underline{\$40.93}$$

- b) Calculate EI at 1.73% of weekly gross pay.

$$826.92 \times 0.0173 = \underline{\$14.31}$$

- c) Calculate income tax at 19.5% of weekly gross pay.

$$826.92 \times 0.195 = \underline{\$161.25}$$