

Overtime Pay Notes

Regular hours/pay: set by the company or law as
regular hours 35-40 hrs/wk 8 hrs/day

Overtime pay/hours: anything beyond regular daily or
weekly hours. Greater than 8 hrs/day or
40 hours/week (1.5 times our regular pay)

Pay statements: statement of hours worked and
all deductions made for that time period (often
Bi-weekly)

Working with Overtime Pay

Ex. 1

Will works at Tim Hortons as a full time employee and earns \$16.75 per hour. He earns time and a half for overtime. Last week he worked 5 hours overtime. How much did he make?

$$\frac{\$16.75 \times 1.5}{1 \text{ hr}} = \frac{x}{5 \text{ hrs}}$$

$$x = \$16.75 \times 1.5 \times 5 \text{ hrs} \div 1 = \$125.63$$

Show you know

Hannah works at a retail store. She earns \$18.25/hr and time and a half for overtime. Last month she worked 23 hours overtime. How much did she make?

$$\frac{\$18.25 \times 1.5}{1 \text{ hr}} = \frac{x}{23 \text{ hr}}$$

$$x = \$18.25 \times 1.5 \times 23 \text{ hrs} \div 1 \text{ hr} = \$629.63$$

Dan works at the pulp mill as a laborer and earns \$36.75/hr and double time for overtime. Last week he worked 9 hours overtime. How much did he earn?

$$\frac{\$36.75 \times 2}{1 \text{ hr}} = \frac{x}{9 \text{ hrs}}$$

$$x = \$661.50$$

Ex. 2

Michael works as a carpenter and earns \$24.75/hr. His regular work week is 35 hours long. If he works overtime he earns time and a half. Last week he worked 40 hours.

- a. How much did he earn at his regular wage?

$$\frac{\$24.75}{1 \text{ hr}} = \frac{x}{35 \text{ hr}}$$

$$x = \$24.75 \times 35 \div 1 = \$866.25$$

- b. How much did he earn at his overtime wage?

$$\frac{\$24.75 \times 1.5}{1 \text{ hr}} = \frac{x}{5 \text{ hrs}}$$

$$x = \$24.75 \times 1.5 \times 5 \div 1 = \$185.63$$

- c. What was his total wage?

$$\begin{array}{r} 866.25 \\ + 185.63 \\ \hline \$1051.88 \end{array}$$

Show you know

Brandon works as a welder and earns \$42.75/hr. His regular work week is 40 hours long. If he works overtime he earns time and a half. Last week he worked 53.5 hours.

- a. How much did he earn at his regular wage?

$$\frac{\$42.75}{1 \text{ hr}} = \frac{x}{40 \text{ hrs}}$$

$$x = \$1710.00$$

- b. How much did he earn at his overtime wage?

$$\frac{42.75 \times 1.5}{1 \text{ hr}} = \frac{x}{13.5}$$

$$x = \cancel{\$865.69} \$865.69$$

- c. What was his total wage?

$$\begin{array}{r} 1710.00 \\ + 865.69 \\ \hline 2575.69 \end{array}$$

Ex. 3

Marcel works for a construction company and earns \$27.00/h for a 37.5-hour work week. His is paid time and a half for any time that he works in excess of 37.5 hrs. If he works 46.5 hrs during one week, how much will he earn?

$$\begin{array}{rcl}
 \text{Reg} & & \text{OT} \\
 \frac{\$27}{1\text{hr}} = \frac{x}{37.5\text{hrs}} & & \frac{\$27 \times 1.5}{1\text{hr}} = \frac{x}{9\text{hrs}} \\
 x = \$1012.50 & & x = \$64.50 \\
 & + & \\
 & \$1377 &
 \end{array}$$

$46.5 - 37.5 = 9 \text{ overtime}$

Show you know

Nancy is a nurse and earns \$37/hr. If she works more than 35 hours in a week she makes double time. Last week she worked 47.5 hours. How much did she earn?

$$\text{Regular} = \$1295$$

$$\text{OT} = \$925$$

$$\text{Total} = \$2220$$

Pay Statements

- Each summer, Rich works at the Pacific National Exhibition in Vancouver as a parking lot attendant. His wages this year are \$19.76 an hour and his hours of work vary from week to week. He worked 25 hours for the week of August 14-20 and 35 hours for the week August 21-27. Rick's pay statement is shown below. Check it for accuracy and correct any errors you find.

Employee Name: Rick ^h			
Company: Pacific National Exhibition ✓		Pay Begin Date: 14/08/2010	
		Pay End Date: 27/08/2010	
General			
Employee ID: 999999		Job Title: Parking lot attendant	
Address:		Pay Rate: 19.76/h	
		Annual:	
Hours and Earnings			
Description	Rate	Hours	Gross Earnings
Regular	19.76/h	60	\$525.60

$$25 + 35 = 60$$

$$\frac{\$19.76}{1 \text{ hr}} = \frac{x}{60}$$

$$x = 19.76 \times 60 \div 1 = \$1185.60$$