

Overtime Pay

March 24, 2015 9:15 AM

- Many fulltime jobs have 40 hour workweeks
- anything more than the regular # of hours you work is classified as overtime

- ↳ often paid at "time and a half"
1.5 x regular pay
- ↳ "double time"
2 x regular pay

Ex #1

- \$15.82/hr
- 37.5 hour each week
- paid time and a half for any extra hours worked over 37.5 hr
- he worked 42.25 hours in 1 week
- ?earn?

$$\text{regular wages} \quad \frac{\$15.82}{\text{hr}} \times 37.5 \text{ hr} = \boxed{\$593.25}$$

$$\text{OT hours} \quad 42.25 \text{ hr} - 37.5 \text{ hr} = 4.75 \text{ hr of OT}$$

$$\text{OT pay} \quad 4.75 \text{ hr.} \times \frac{\$15.82}{\text{hr}} \times 1.5 = \boxed{\$112.72}$$

$$\text{TOTAL: } \$593.25 + \$112.72 = \boxed{\$705.97}$$

ASSIGNMENT 5 – OVERTIME PAY

- 1) Ingrid works as a medical receptionist at a rate of \$11.82/h for 35 hours per week. She is paid overtime at time and a half for extra hours she works each week. Last week, she worked 42 hours. What will her weekly pay be for last week?

$$\text{regular pay } \frac{\$11.82}{\text{hr.}} \times 35 \text{ hr} = \$413.70$$

$$\text{OT pay } 42 \text{ hr.} - 35 \text{ hr.} = 7 \text{ hr} \times 11.82 \times 1.5$$

$$= 124.11$$
$$+ 413.70 = \$537.81$$

- 2) Natalie works as a playground supervisor for 8 weeks during the summer at a rate of \$15.27/h. She works a 40-hour week but averages 3 hours of overtime each week, paid at time and a half. How much will she earn each week, and for the whole summer?

$$8 \times 40 \text{ hr} \downarrow$$
$$\textcircled{R} \quad \frac{\$15.27}{\text{hr.}} \times 320 \text{ hr} = \$4886.40$$

$$\textcircled{OT} \quad 8 \times 3 \text{ hr} = 24 \text{ hr} \times 1.5 \times \frac{\$15.27}{\text{hr}} = \$549.72$$
$$= \$5436.16$$

- 3) Pete works in construction and earns \$15.77/h. His regular work week is 40 hours, but he works a lot of overtime in the summer. For overtime from Monday to Friday, he earns time and a half. For Saturdays, he earns double time and a half. How much will Pete earn if he works 42.25 hours during the week, and 5.75 hours on Saturday.

$$\text{M-F regular } \$15.77 \times 40 \text{ hr} = \$630.80$$

$$\text{M-F OT } 2.25 \text{ hr.} \times 1.5 \times \$15.77 = \$53.22$$

Sat.
OT

$$575 \text{ hr} \times 2.5 \times \$15.77 = \$22748$$

\$911.50