

Notes

Feb 20/18

Tips

Jimmy's bill in a restaurant was 82.00. he leaves a 15% tip. Determine the total bill.

$$\frac{15}{100} \times 82 = 12.30 \text{ tip}$$

$$82 + 12.30 = 94.30 \text{ total bill + tip = total}$$

backwards

Jimmy's bill was \$63.40. He pays \$70.00. Determine the percent tip.

$$\text{dollar value } 70 - 63.40 = 6.60$$

$$\text{tip percent} = \frac{\text{dollar value}}{\text{original}} \times 100$$

$$\frac{6.60}{63.40} \times 100 = \boxed{10.4\%}$$

Jimmy is a waiter. He keeps 12% of all tips, plus \$10.50 per hour. One shift he works 7h 50min and there are \$980 in tips. Determine his gross pay.

$$\text{tip amount } \frac{12}{100} \times 980 = 117.60$$

$$50\text{min to decimal} = \frac{50}{60} = .8\bar{3}$$

$$\text{total hours} = 7.8\bar{3}$$

$$\text{wage amount } 7.8\bar{3} \times 10.50 = 82.25$$

$$\text{gross pay } 117.60 + 82.25 = \$199.82$$

tip + wage

* shift premium → wage bumps up during certain hours.

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Time Sheets

Jimmy earns \$16.80 per hour, plus time and a half (150%) for hours over 40 in a week.

Last week he worked

S	M	T	W	Th(H)	F	S
7h 40min	8h 10min	7h 30min	8h 40min	9h 45min	6h 30min	—

How many hours does he work? *add hours & min. separately

$$7+8+7+8+9+6 = 45 \text{ hours}$$

$$40 + 10 + 30 + 40 + 45 + 30 = 195 \text{ min}$$

$$\frac{195}{60} = 3.25$$

$$\begin{array}{r} 45 \\ + 3.25 \\ \hline 48.25 \text{ total hours} \end{array}$$

40 regular hours

$$40 \times 16.80 = 672.00$$

8.25 OT hours

$$8.25 \times \frac{150}{100} \times 16.80 = 207.9$$

$$\begin{array}{r} 672.00 \\ + 207.90 \\ \hline \end{array}$$

\$ 879.90
Total Pay

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Payroll Deductions and Net Pay

4 Deductions ;

CPP	Canadian Pension Plan
EI	Employment Insurance
Federal tax	Ottawa
Provincial tax	Victoria

STEPS

- ① Find deductions on chart
- ② Add them to get total deductions
- ③ ~~Take~~ Net Pay = Gross Pay - Deductions

