Additional Earnings

TIPS...

It is common for people in service industry jobs to earn tips from satisfied customers.

NOTE: a sign of appreciation

Bonus

extra pay earned when certain conditions of employment have been met or exceeded

Shift Premium

extra payment
for
non-standard
work hours

Employees who have the majority of their scheduled work hours between 6 pm and 6 am

Other Incentives...

- danger pay
- isolation pay
- northern allowance

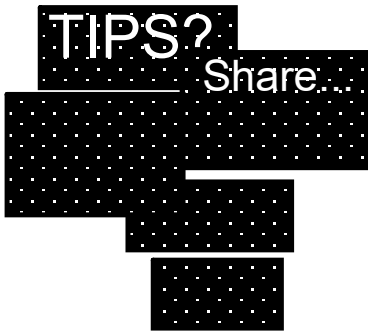
EX #1: Your restaurant gives 5% of the tips received in a shift to employees working in the kitchen. If $2100.00 is received in tips, and there are 5 people working in the kitchen, how much will each person receive?

5% of tip

$2100 x 0.05
$105

5 people

$105
5
$21



EXAMPLE #2:
Wendy has a summer job working as a waitress. She earns $10.50 /hr plus tips. Calculate her **gross pay** if she worked 48 hours one week and kept 85 % of her $234.50 in tips. She receives time and one half for hours worked beyond 40.

Reg Pay :

$ 10.50
x 40 hr
$420

Overtime Pay :

($10.50 x 1.5)
x 8 hr
$126

Tips :

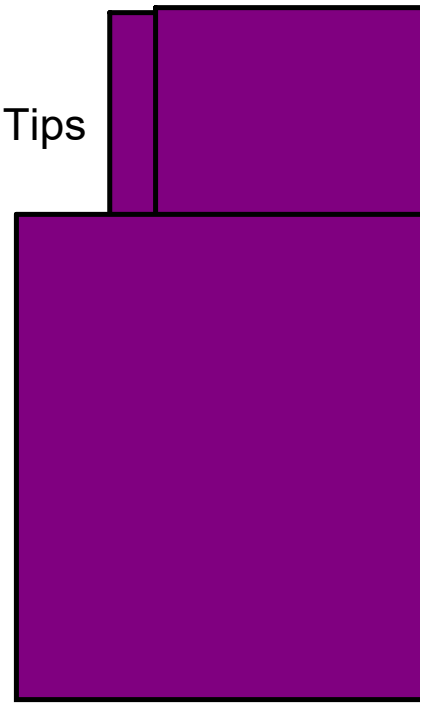
$234.50
x 0.85
$199.33

Gross Pay = Reg Pay + Overtime Pay + Tips

= $420 + $126 + $199.33

= $420 + $126 + $199.33

= $745.33



Example #3...

. You worked a four-hour shift as a server and your customer bills totalled $2500.00 before tips. Your rate of pay is $10.00/h.

If all your customers tipped you 10%, how much did you earn an hour in wages and tips?

tips

$2500 x 0.10

$250

tips / hour

$\frac{\$250}{4}$

$62.5

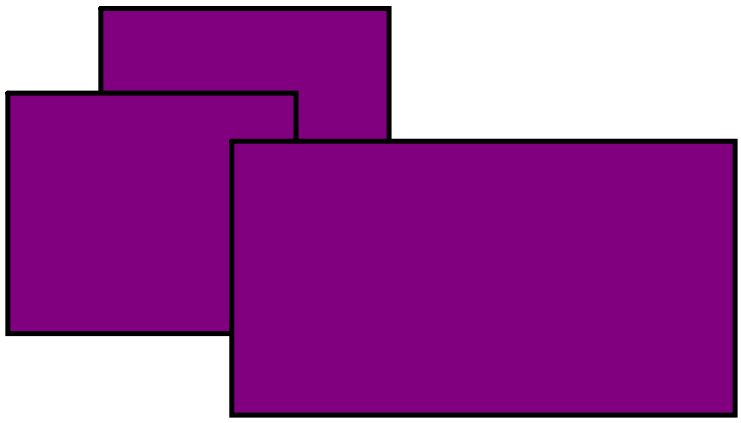
wages + tips / hour

$62.5 + $10.00

$72.5

Hourly Wages?

Tips/hr



EXAMPLE #4...

Kyle works in a bookstore selling books. He also sells customers reward cards for $30.00 that will give them a discount on future purchases. His employer gives him a bonus of 10% of the amount received if he sells more than 20 cards in a month. If his regular wages are $1883.77 and he sells 27 reward cards one month, what will Kyle's wages be including the bonus?

Reward Cards

27 x $30

$810

10% Bonus

$810 x 0.10

$81

Monthly Wages

$1883.77 + $81

$1964.77

Warm Up

Jacob works as a stock clerk for a grocery store in Labrador City, NL. His regular pay is $12.00 an hour, but he earns a shift premium of $2.00 an hour for any hours he works between 5:00 pm and 8:00 am. Jacob also earns 1.5 times his pay rate in overtime for any hours he works above 35 hours a week. His timesheet is shown below.

Monday	*Tuesday*	*Wednesday*	*Thursday*	*Friday*	*Saturday*
12:00 am – 8:00 am	12:00 am – 8:00 am	4:00 pm – 12:00 am	6:00 am – 11:00 am	6:00 am – 11:00 am	8:00 am – 3:00 pm

Regular time: $12.00

Regular time + premium: $12.00 + 2 = $14.00

Overtime: $12.00 x 1.5 = $18.00

What percentage of his weekly earnings are paid at the regular rate?

Jacob works as a stock clerk for a grocery store in Labrador City, NL. His regular pay is $12.00 an hour, but he earns a shift premium of $2.00 an hour for any hours he works between 5:00 pm and 8:00 am. Jacob also earns 1.5 times his pay rate in overtime for any hours he works above 35 hours a week. His timesheet is shown below.

Regular time: $12.00 | Regular time + premium: $12.00 + 2 = $14.00 | Overtime: $12.00 x 1.5 = $18.00

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
12:00 am – 8:00 am	12:00 am – 8:00 am	4:00 pm – 12:00 am	6:00 am – 11:00 am	6:00 am – 11:00 am	8:00 am – 3:00 pm
12 am, 1 am, 2 am, 3 am, 4 am, 5 am, 6 am, 7 am, 8 am	12 am, 1 am, 2 am, 3 am, 4 am, 5 am, 6 am, 7 am, 8 am	4 pm, 5 pm, 6 pm, 7 pm, 8 pm, 9 pm, 10 pm, 11 pm, 12 am	6 am, 7 am, 8 am, 9 am, 10 am, 11 am	6 am, 7 am, 8 am, 9 am, 10 am, 11 am	8 am, 9 am, 10 am, 11 am, 12 pm, 1 pm, 2 pm, 3 pm
8hr	8hr	7hr	2hr	2hr	

Premium Hours = 27 hours
Regular Hours = 14 hours
Total # of hours = 41 hours

Overtime:
41
-35
6

Regular Paid Hours:

[redacted]

Premium Hours: 27 hours x $14.00 = $378
Regular Hours: 8 hours x $12.00 = 96
Overtime Hours: 6 hours x $18.00 = 108
$582

[redacted]

What percentage of his weekly earnings are paid at the regular rate?

Formula:

$$\frac{\text{regular paid hours}}{\text{total \# earnings}}$$

[redacted]

[redacted]

$$\frac{96}{582}$$

0.16

16%

HOMEWORK...

Check out pages 76 and 77
questions 1 - 7

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1. Julia is a naval weapons technician in the Canadian Armed Forces. Julia is posted to a war zone and will earn $1900.00/month in danger pay on top of her annual salary of $51 250.00.

   a) What will her annual salary be, including danger pay? $74 050

   b) What will her monthly pay be?

$6170.83

b) $\$\ \frac{74\ 050}{12} = \$\ 6\ 170.83$

2. David works as a dishwasher at a private club. He receives 1% of the tips collected in the club during his shift. If the total amount of tips collected is $760.00, how much will David's portion be?

$7.60

760 x 0.01 = $7.60

3. Tristan works as a restaurant server. He is paid $10.00/h and works a 5-hour shift, 4 days a week. On a typical day, his customer bills total $650.00 before tips, and almost every customer tips him 15%. Estimate how much Tristan will earn in wages and tips in 4 weeks.

$2360.00

5 hrs x 4 days

= 20 hrs x 16

$200

650 x 4

2600 x 0.15

= $390

+

590 x 4

$2360

4. Layla works as a barista, someone who makes and serves coffee in a specialty coffee shop. She earns the minimum wage of $10.00 an hour, as well as an equal share of any tips that customers leave in a jar by the till.

x = hrs
w = # workers
t = tips

Gross pay = $10h(x) + \frac{\text{tips}}{\#\text{worker}}$

$\hookrightarrow 10h(x) + \frac{t}{w}$

a) Develop a formula to figure out Layla's gross earnings in a shift, including tips.

b) During Layla's 6-hour shift, the total in tips is $53.62. There are three people working at the time. Layla determines that she earned $79.13 for that shift. Is she correct?

Total = 10(6hours) + $\frac{\$53.62}{3}$

= 60 + 17.87

= $77.87

5. Ivan gets an annual bonus of 15% of his base salary if he exceeds sales quotas by $10 000.00. If his base salary is $42 000.00 and he exceeds the sales quota by the required amount, what is his bonus? What is his total salary for that year?

$ 48 300

42000.00 x 0.15

= $6300

6300 + 42000

= 48 300

6. Francis applies for a job as a commercial transport inspector in Amherst, NS. He receives a starting salary of $38 901.76 and an isolation allowance. If Francis grosses $41 610.52 for the year, what would his monthly isolation allowance be?

$ 225.73

$41 610.52 − $38 901.76

= 2 708.76 year

÷ 12

225.73 month

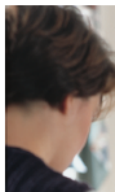
7. Jamila works as a security guard at St. John's International Airport, NL. Her regular work shift is 3:00 pm to 11:00 pm. At this airport, a shift premium of $2.00 an hour is paid on any hours worked between 5:00 pm and 8:00 am.

a) For how many hours per shift is Jamila paid a shift premium? 6hrs

b) If Jamila's regular hourly rate of pay is $17.36, how much is her gross pay for one shift? $150.88

c) If Jamila works 5 days a week, what percentage of her weekly wage is at the shift premium rate? 77%

d) What percentage of her weekly schedule is regular hours? 23 %



a) 3-4, 4-5 } 2h

5-6, 6-7, 7-8, 8-9, 9-10, 10-11 } 6hrs premium

b) $2(17.36) + 6(19.36)$

$34.72 + 116.16$

$= 150.88$ /shift

c) $5 \times 150.88 = \$754.40$ gross

6hr (19.36) x 5 = 580.80

$\frac{580.80}{754.40} \times 100 = 77\%$

d) $100 - 77$

$= 23\%$ reg shift pay

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