Let's
Recap

#1   a) Amy is paid $9.50 /hour for regular hours work.
          She is paid time and a half for overtime worked.
          What is her rate of pay for overtime?

         b) Amy receives a raise. Her new overtime rate is $15.75 /hour.
             What is her rate of pay for regular hours worked?

#2   Vanessa works as a sales clerk. She makes 20% commission on
         her total sales. In one week she sells:

   • 5 shirts worth $26.00 /each   a) What are her total sales?
   • 3 pairs of pants worth $45.00 /each   b) What did she make in commission?
   • 6 pair of shoes worth $53.00 /each

#3   At the end of the year Melanie receives a bonus for good
         performance. Her bonus is 5% of her annual salary. If
         Melanie receives $3500.00 as a bonus. What is her annual
         salary?

#4   Troy earns a commission on all trading cards he sells at his store.
         If he makes sales totalling $875.00 one week and takes home
         $175.00, what is his rate of commission?

#1   a) **Amy is paid $9.50 /hour for regular hours work.**
         She is paid time and a half for overtime worked.
         What is her rate of pay for overtime?

$$9.50 \times 1.5 = \$14.25$$

b) **Amy receives a raise. Her new overtime rate is $15.75 /hour.**
    What is her rate of pay for regular hours worked?

$$\$15.75 \; / \; 1.5 = \$10.50$$

#2   Vanessa works as a sales clerk. She makes 20% commission on her total sales. In one week she sells:

> - 5 shirts worth $26.00 /each
> - 3 pairs of pants worth $45.00 /each
> - 6 pair of shoes worth $53.00 /each

a) What are her total sales?

- 5 x $26.00 /each = $130.00
- 3 x $45.00 /each = $135.00
- 6 x $53.00 /each = $318.00
                        $583.00

b) What did she make in commission?

   $583.00 x 0.20 = $116.60

#3   At the end of the year Melanie receives a bonus for good performance. Her bonus is 5% of her annual salary. If Melanie receives $3500.00 as a bonus. What is her annual salary?

$$\text{Salary} \times 0.05 = \text{Bonus}$$

$$\text{Salary} \times 0.05 = 3500$$

$3500 / 0.05 = $70,000.00

#4

Troy earns a commission on all trading cards he sells at his store. If he makes sales totalling $875.00 one week and takes home $175.00, what is his rate of commission?

$$\text{Sales} \times \% = \text{Commission}$$
$$\frac{875 \times P}{875} = \frac{175}{875}$$

$175 / $875 = 0.2

20%