

1. Suppose that you earn \$19.25/hr, which you work each day, Monday through Sunday. Suppose that you earn time-and-a-half for any Saturday hours over 40 hours for the week, and double time for any hours on Sunday. You work an 8-hour shift, with a half-hour off (unpaid) for lunch each day. Calculate the total gross pay you'll receive for your work that week.

$$7.5 \times 6 = 45$$

$$40 \times 19.25 + 5 \times 19.25 \times 1.5 + 7.5 \times 2 \times 19.25 =$$

$$770 + 144.375 + 288.75 =$$

$$\$1203.13$$

2. Suppose that you earned \$676.22 gross pay during one week. You must make deductions from this paycheck as follows: 5% for Federal Taxes, 7.5% for Social Security, 1.5% for Medicare, 0.1% for worker's compensation, 2% for state income taxes, \$15 union dues, and \$45 for health insurance. Calculate each deduction and round to the nearest penny. Determine how much money is left for your take-home pay.

Fed  $676.22 \times .05 = 33.81$

SS  $676.22 \times .075 = 50.72$

Med  $676.22 \times .015 = 10.14$

WC  $676.22 \times .001 = .68$

State  $676.22 \times .02 = 13.52$

union  
ins.

$$15.00$$

$$45.00$$

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$$168.87$$

$$676.22 - 168.87 = \$507.35$$