

Name:

Period:

### Unit 1 Final Exam Review: Math & Your Job

**\*Round your ANSWERS to the nearest cent or hundredths place\***

1. Read the following work schedule and answer questions a-c:

| Employee | Monday              | Tuesday             | Wednesday           | Thursday            | Friday              |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Kyle     | 7:30 am<br>-2:30 pm | 7:30 am<br>-1:30 pm | 7:30 am<br>-2:30 pm |                     | 7:30 am<br>-1:30 pm |
| Leroy    | 11 am<br>-7pm       | 11 am<br>-7pm       | 11 am<br>-7pm       | 11 am<br>-7pm       | 11 am<br>-7pm       |
| Maria    | 8 am<br>-2 pm       | 8 am<br>-2 pm       |                     | 7:30 am<br>-2:30 pm | 8 am<br>-2 pm       |
| Natalie  | 2 pm<br>-7:30 pm    | 1 pm<br>-7:30 pm    | 2 pm<br>-7:30 pm    | 2 pm<br>-7:30 pm    | 1 pm<br>-7:30 pm    |
| Oscar    | 1 pm<br>-6 pm       |                     | 1 pm<br>-6 pm       |                     | 1 pm<br>-6 pm       |

a. The store opens at 8 am so the opening manager must arrive a half an hour earlier to open the store. Who is opening the store each day this week? On which days do they open?

b. Oscar is taking classes and has requested not to work on days he has class. If the schedule is correct, what days does Oscar have class?

c. How many hours does Leroy work this week?

2. Use the following timecard to calculate how many hours you have worked in the office this week and how much you should be paid based on an hourly wage of \$5.75:

| Day       | Time In  | Time Out | Hours Worked |
|-----------|----------|----------|--------------|
| Monday    | 1:00 pm  | 7:16 pm  | _____        |
| Tuesday   | 1:03 pm  | 7:03 pm  | _____        |
| Wednesday | 12:59 pm | 6:58 pm  | _____        |

Total hours worked = \_\_\_\_\_

Rate of pay per hour = \$12.75

Payment due = \_\_\_\_\_

3. Compare this job to your cousin's job at a local restaurant. She is paid an hourly wage of \$3.30 an hour plus tips (18% of total food sales). If she worked 10 hours and sold \$450 worth of food, what will your cousin make this week?

4. Complete the following table using 3 of the deductions from the pay stub. Then answer questions a-c. If necessary, round to the nearest hundredth.

|                         |                                |                                  |                            |
|-------------------------|--------------------------------|----------------------------------|----------------------------|
| <b>Period Start:</b>    | <i>July 15, 2005</i>           | <b>Period End:</b>               | <i>July 22, 2008</i>       |
| <b><u>Earnings</u></b>  | <b><u>Taxes/Deductions</u></b> | <b><u>Current Pay Period</u></b> | <b><u>Year to Date</u></b> |
| <i>Hours</i> 25.10      | Federal Tax                    | 8.40                             | 28.96                      |
| <i>Reg. Rate</i> 6.37   | Social Sec. Tax                | 9.91                             | 115.83                     |
|                         | Medicare Tax                   | 2.32                             | 27.09                      |
| <b>Gross Pay</b> 159.88 |                                | <b>Tax Total</b> 20.63           | <b>Net Pay</b> 139.25      |

| <b>Type of Deduction</b> | Federal Tax | Social Security | Medicare |
|--------------------------|-------------|-----------------|----------|
| <b>Amount of Tax</b>     |             |                 |          |
| <b>Percent Rate</b>      |             |                 |          |

a. What is the gross pay?

b. What is the total amount of pay that was deducted from these 3 taxes?

c. What percent of the total pay was deducted from these 3 taxes?