Review for Test Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Show all of your work on your own paper.**

1. Sarah is a pharmacy technician. She worked 38 hours one week and was paid $728.55. How much does Sarah make per hour?
2. Josie works for a catering company. She earns $13.75/hour. If Josie works more than 35 hours in one week, she earns time and a half.

a) Calculate the number of hours Josie worked. (expressed as a decimal)

b) What is Josie’s hourly overtime wage?

c) Calculate her earnings for the week.

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| --- | --- | --- | --- |
| **Time card: Josie** | | | |
| **Day** | **In** | **Out** | **Hours** |
| Monday | 8:45 | 4:00 |  |
| Tuesday | 8:00 | 4:30 |  |
| Wednesday | 7:30 | 4:00 |  |
| Thursday | 9:15 | 4:15 |  |
| Friday | 8:00 | 5:15 |  |

1. Alyssa is a seamstress. She charges $16.50 to hem pants, $9.90 to alter a shirt, and $33.00 for any alterations to suit jackets. How much will Alyssa earn if she works on 14 pairs of pants, 6 shirts, and 3 suit jackets?
2. Matt earns a 5% commission on all sales he makes at the car dealership. He sells 4 cars for $23799.00, $29748.75, $17849.25, and $33318.60. How much does Matt make on these sales?
3. You earn a biweekly salary of $1978.00. Your deductions are 1.88% for EI, 4.95% for CPP, $30.21 for federal taxes, and $18.21 for provincial taxes. What is your net biweekly income?
4. Francis paid 1.88% of his taxable income of $1548.00 to Employment Insurance. What was the EI deduction?
5. Which is a better buy: 8 ounces of cheese for $5.63 or 12 ounces of cheese for $7.87?
6. The listed price of a smartphone in Ireland is 250 euros. How much Canadian currency will you need to purchase the phone if 1 euro is worth $1.580814 CAD?
7. Frank went to the store to buy a PS4 listed at $399 and a television listed at $498. What will be the total that he pays, including 13% tax?
8. If you bought 12 sweaters (that cost the same) for a total of $388, how much does one sweater cost?
9. Brady works at a pharmacy stocking shelves. He receives a shift premium of $2.50/hour on top of his regular wage of $10.65/hour for any hours he works after 8:00 pm. Last week Brady worked Monday to Friday from 2:00 pm until 10:00 pm. Calculate his earnings for the week.
10. The wholesale price of a couch is $159 but the store is selling it for $289. What is the percent markup?
11. Use the following table to calculate the cost of buying 5 T-shirts, 2 pairs of shoes, and 6 pairs of jeans.

|  |  |  |
| --- | --- | --- |
| **Clothing Article** | **Regular Price** | **Discount** |
| T-Shirt | $20.00 | 15% off all T-shirts! |
| Shoes | $92.50 | Buy one pair, get one half off! |
| Jeans | $45.00 | Buy one, get one free! |

1. The regular cost of cashews is $1.94/100 g and almonds regularly sell for $7.53/kg. Nuts are on sale for 35% off.

a) Calculate the sale price for cashews per 100 g.

b) Calculate the sale price for almonds per kg.