Name: _____

Date: _____

Multiplying and Dividing Integers: Problem Solving

Solve the following. Answer in complete sentences.

1. Four college roommates rented an apartment together. When they moved out, they were charged $1500 for damages to the carpet and walls. The roommates agreed to equally share the cost. What integer represents how much each person will have to pay?

   Expression:

   Answer:

2. Flora made 3 withdrawals of $75 each from her bank account.
   What was the overall change in her account?

   Expression:

   Answer:

3. Over a 6-week period, the price of a gallon of gas increased by 18 cents.
   If the price changed the same amount each week, what was the average change per week?

   Expression:

   Answer:

4. At 7:00 pm the temperature was 40F. If the temperature dropped steadily at a rate of 6 degrees per hour, what was the temperature at 11:00 pm?

   Expression:

   Answer:

5. Desmond's monthly Netflix subscription costs $10. If he charges it to his credit card each month for 5 months without making any payments, what will his debt be?

   Expression:

   Answer:

6. As a cold front passed through Temple, the temperature changed steadily over 6 hours. Altogether it changed -18 degrees. What was the change in temperature each hour for the 6 hours?

   Expression:

   Answer:

LIVEWORKSHEETS