MasterMath
Perfect Practice Worksheet

Name _____

Date _____

Writing and Evaluating Expressions 2

1. After Y years your allowance has increased to 5+ 2Y dollars.
   What is your allowance after Y years

Years	4	5	3	6
Allowance				

2. When your Dad hits the accelerator to pass, his speed ("S") goes up 2 MPH each second ("x"). Write an expression to determine his speed after x seconds if he starts at 30 MPH.

   S = _____

3. Based on #2, above, fill in the blanks in this table:

Seconds	2	5	3	6
Speed				

4. You have been adding 5 friends ("F") per month on Facebook. You now have 12 friends. Write an expression to predict how many friends you'll have after X months.

   _____

5. Fill in the blanks in this table to predict your number of friends in the future.

Number of months	2	5	3	6
Number of friends				

6. You are now 54" tall. You have been growing 1/4" per month. Write an expression to predict how tall (H) you will be after x months.

   _____

7. Joe has a lemonade stand. He sell small glasses for $1, and large glasses for $2. Write an expression to determine how much money Joe makes if he sells 8 small and 5 large lemonades.

   _____

   Then write an expression to determine how much Joe makes for X small and Y large lemonades.

   _____

8. A family goes to the movies, where adult tickets are $9, and student tickets are $5.
   a. Find the cost if there are 2 adults and 3 students.   _____
   b. The cost for 1 adult and 3 kids is $24. If the number of adults doubles, and the number of kids stays the same, will the cost double?

   _____