Name Date

Practice A

3.1

Identify the variables, coefficients, and constants in the expression.

1.  2.  3. 

Evaluate the expressions when , , and .

4.  5.  6. 

7.  8.  9. 

10. Each student in your class must do 14 homework problems. There are   
23 students in the class. How many problems will your teacher have   
to grade?

11. A summer job pays $5 per hour.

a. You work for 12 hours. How much do you make?

b. After working 24 hours, do you have enough money to buy an   
MP3 player that costs $100?

Name Date

Practice B

3.1

Evaluate the expression when , , and .

4.  5.  6. 

7.  8.  9. 

Evaluate the expression when  and.

11.  12.  13. 

14. On a field trip, your class stops to get ice cream cones. Each cone costs $3. There are 68 students in your class. How much will the ice cream cones cost?

15. You earn money by washing windows at $14 per house or washing cars at   
$5 per car. How many cars would you have to wash to make the same amount for washing windows at 10 houses?

16. Your basketball team made 10 three-pointers, 8 two-point field goals, and   
12 one-point foul shots. Your opponents made 8 three-pointers, 12 two-point   
field goals, and 11 one-point foul shots. Who won? By how many points did   
they win?