PRE-ALGEBRA
TRANSLATING EXPRESSIONS

Write a variable expression for the word phrase.

1. The product of eight and a number b

2. A number q divided by sixteen

3. A number d subtracted from fifty-three

4. Four less than a number f

5. Thirty increased by a number t

6. Five times a number c

7. The sum of a number g and nine

8. A number k minus twenty-seven

9. Seventy-eight decreased by a number m

10. A number y added to ninety

11. Nineteen more than a number n

12. Sixty-two plus a number h

13. The quotient when a number d is divided by eleven

14. The difference when a number a is subtracted from a number b

15. The remainder when a number z is subtracted from twelve

16. The total of a number x, a number y, and thirteen

17. Fifteen more than the product of a number t and eleven

18. The quotient when a number b is divided by nine, decreased by seven

19. The sum of a number m and a number n, multiplied by ninety-one

20. Forty-one times the difference when six is subtracted from a number a

21. A number r divided by the difference between eighty-three and ten

22. The total of a number p and twelve, divided by eighteen

23. The product of a number c and three more than the sum of nine and twelve

24. The sum of a number y and ten, divided by the difference when a number x is decreased by five

Pre-Algebra
Translating Expressions

Write an expression for each statement below. You will not be solving these.

1) Megan, Peter, Tony and Christopher are going to buy some fudge. When they pool their money together they have $30. The fudge costs $2.75 per pound. Write an expression representing how much money they will have left if they buy x pounds of fudge.

2) The No Name Group needs to buy three xylophones and three yams. Write an expression that would represent the amount of money they would need to spend.

3) Kelly, Derek, Kevin and Paul are going shopping together. For some reason they buy seven drums and three yo-yos. Write an expression for the total amount of money they would need to spend.

4) Dean and Erik Cubed Group need to find the area of a square. If the side of the square is x, write an expression which would help them solve this problem.

5) O'Keefe and Company are selling xylophones at $5.80. Who could beat this price? Write an expression which would represent the amount of money a person would spend buying x xylophones.

6) Tammy and her friends are learning how to count. Help them write an equation to find the total pieces of fruit they would have if they purchased apples, bananas and coconuts.