Identifying Parts and Translating Expressions

Name:_____ Class Period:_____

1. Identify each term, coefficient, constant, and factor in $5x^2+3x+12$.

2. Write an expression with 4 terms, containing the coefficients 3, 6, and 9.

Translate each verbal expression to an algebraic expression.

3. Eight more than 3 times a number

4. The difference of 10 and a number

5. The quotient of 12 and a number

6. 15 less than twice a number

7. Three-fourths times the square of a number

8. The product of 5 and the cube of a number increased by the difference of 6 and x

9. Half the sum of x and y decreased by one-third of y

10. The sum of a number and six, divided by eight

Translate each algebraic expression to a verbal expression.

11. $25-x$

12. x^4-12

13. $3+\frac{1}{2}x$

14. 8^2-x

15. $\frac{6-x}{13}$

16. $25(6+x)$