Simplifying Algebraic Expressions

In problems 1-5, evaluate each expression for the given values

1. $7x-2$ for $x=5$	2. x^2-3x+1 for $x=-2$
3. x^3+5x for $x=2$	4. $\dfrac{8x-y}{3x+y}$ for $x=2, y=-3$
5. $(2x-y)^2$ for $x=2, y=1$	

In problem 6, identify the terms and coefficient of each term

6. x^3-7x+4

In problems 7-9, use the distributive property to get rid of parenthesis.

7. $5(x-2)$	8. $\dfrac{-1}{3}(6x-9)$
9. $-(-3x+2)$	

In problems 10-15, simplify each expression

10. $9x-3x$	11. $x^2+4x-5x^2-11x+4$
12. $4x^3+x^2-7x+x^3-x^2+3$	13. $8(x+4)-2(x-3)$
14. $-2(3x-1)-4(x+3)$	15. $(8x-2)-(3x-5)$