## **Lesson Extra Practice:**

Algebraic Expressions

Identify the terms and like terms in the expression

1. -3c+6+5c-2

$$(-3c+5c)+(+6-2)$$
  $(-)$ 

(2c) + (+4)

2c+4

Like Terms - Same varible, Varible has same exponed

Unlike Terms - Not the same varible, Not the same exponed

2. 
$$4n^2 - 2.3n + 2n^2 - 5.6$$

(+ $4n^2 + 2n^2$ ) + (-2.3n) + (-5.6)

( $6n^2$ ) + (-2.3n) + (-5.6)

( $6n^2$ ) + (-3.3n) + (-5.6)

( $6n^2$ ) + (-

$3. \ \frac{1}{5}x^3 - x^3 + 2x$		



Simplify the expression. Then evaluate the expression when $x = 3$ .		
5. $-7x + 12x$		

Simplify the expression. Then evaluate the expression when $x=3$ .	
6. $6x - 4 + 6 - 2x$	
	_

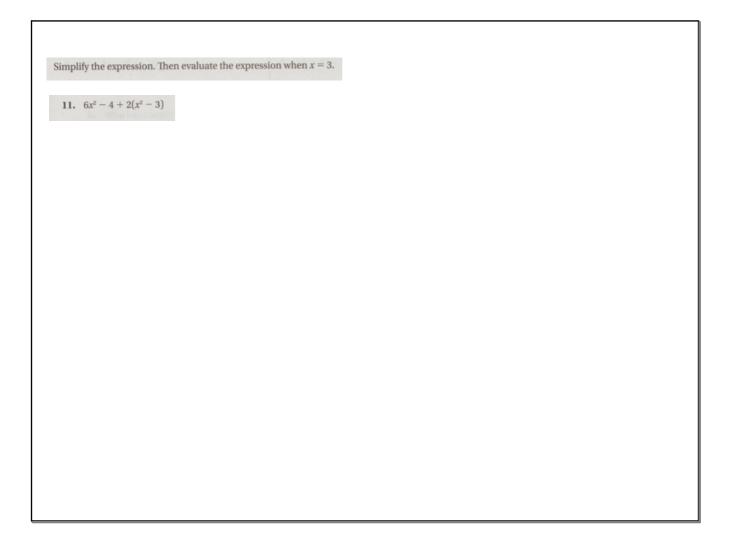
Simplify the expression. Then evaluate the expression when $x=3$ .	
7. $3x^2 + 5x - x^2$	

Simplify the expression. Then eval	uate the expression when x	= 3.		
$x^2 - 3 + (x^2 - x)$				

implify the expression. Then	evaluate the expression	in when x = 5.		
9. $3-2(4+x)-7$				

Simplify t	the expression.	Then evaluate the expression	when $x = 3$ .
------------	-----------------	------------------------------	----------------

10. 
$$\frac{2}{3}x - \frac{1}{2} + 2x - x^2$$



Simplify the expression. Then evaluate the expression when $x = 3$ .	
12. $3(x^2+4)-4x+6$	