Chapter 6 Quiz Study Guide Name: _____

Integers:

a. $\frac{15}{-5}+8=$ b. $(22)(-3)(2)=$ c. $\frac{-75}{-25}\cdot(-4)=$

d. $2+(-5)(-4)=$ e. $-9-4-(-7)=$ f. $-22-\frac{-18}{3}+4=$

g. $(2)(6)(-4)\div(3)(-2)=$ h. $2^{5}=$ i. $(-4)^{3}$

j. $15-(-3)\div(-6)=$ k. $8-5+\frac{20}{2}=$ l. $\frac{-9}{-3}-13=$

m. $(2)(-2)(-1)(5)(-4)(2)=$ n. $(-44)\div(-2)\div(-2)=$ o. $\frac{100}{-2-3}=$

Distributive Property:

Factored Form	Distributed Form	Simplified Form
a. $5(x-11)$		
b. $x(x^2+y-z)$		
c. $m(n-3)$		
d.	$9(2r)+9(4s)-9(2t)$	
e.	$2x(x)+2x(3y)$	
f.		$13x-39y+26z$
g.		$4x^2+3x$
h.		y^3-2y^2

Combine Like Terms:

a. $3x - 2y + 4 - 2x + 5y - 5$ _____

b. $m + 2n - 4n + 6m + m$ _____

c. $t - r + 5s - r + t - 2r$ _____

d. $7 - y + 4 - y + 2 - 2y$ _____

e. $x - y + x - y - 2x + 5y$ _____

f. $x^2 + 4x - 2 + x^2 + 7x + 11$ _____