## Thursday Math Assignment

1) SIMPLIFY then evaluate each of the following: (must collect like terms first)
a. $6 f+7 k-4 f+8-2 f+10 f+2 k, k=3 \& f=10$
b) $4 a+6 b-2+6 b$; $a=2 \& b=5$
c) $11 \mathrm{p}-7 \mathrm{k}+2 \mathrm{p}+10 ; \mathrm{p}=6$ \& $\mathrm{k}=4$
2) Write an algebraic expression for each of the following. (Remember to define your letter for the variable)
a) 18 more than a number.
b) A number subtract 15
c) The product of a number and 7
d) The quotient of a number and 3 .
e) 5 more than a tripled number
f) A number subtracted from 56
g) Double a number and subtract 6 .
3) Write the expression as words
a. $15-\mathrm{n}$
b. b) $17+k$
c. c) $5 n+6$
4. For each of the following sentences, give the equation.
a) The product of two and a number is 8 .
b) Three more than a number multiplied by two is 15 .
c) Two less than a number divided by three is 7 .
d) A number subtracted from sixteen is 11 .
5. For each of the equations in question number 4, "solve" for the number (find the value of the variable). Show all of your work.
a)
b)
c)
d)
6. Come up with a sentence for each of the following equations.
a) $3 x+5=29$
b) $n-4=11$
c) $n / 2=16$
d) $17-f=5$
