2-1   Writing Equations

To write an equation, identify the unknown which you are looking for and assign a variable to it. then write the sentence.

Example 1:

A number b divided by three is six less than c

Example 2:
A jelly bean manufacturer produces 1,250,000 jelly beans per hour. How many hours does it take to produce 10,000,000 jelly beans?

If you are given an equation, you can write a sentence or create your own word problem.

Example 1: Translate the following into a verbal sentence.
$12 - 2x = -5$

Example 2: $3(g + 8) = 4h - 10$

Example 3

Write a problem based on the given information:

f = cost of fries

$f + 1.5$ = cost of burger

$4(f + 1.5) - f = 8.25$