Name:

Date:

School:

Facilitator:

1.02 Literal Equations

1. In the following equation a, b, and c are constants. In other words, a, b, and c should be treated like numbers. *x* is the variable. Solve the equation for *x*. Show each step.   
   a+b*x* = c  
   Answer:
2. In the following equation a, b, and c are constants and *y* is the variable. Solve the equation for *y*. Show each step.   
   ab*y* - b=c  
   Answer:
3. In the following equation a, b, c, and x are constants. In other words, a, b, c, and x should be treated like numbers. *y* is the variable. Solve the equation for *y*. Show each step.   
   ax+ b*y*=c  
   Answer:
4. Solve the equation for *h*. Show each step.

Answer:      

1. Consider the following equation:  
   Jennifer solved this equation for *x* as shown below. Examine her solution, and identify the mistake she made (if she made one).

(write the problem)  
 (step 1)

(step 2)

(step 3)  
Answer: