Sometimes one of the equations isn't "ready" to substitute into the other.

In which case, we need to _____ it, so it is equal to ____ of the variables.

Ex. 1 Circle the equation(s) below that would be considered "ready" for substitution.

$x = 4 + y$ $2x + y = 5$ $y = 3x - 7$ $6y = -4x + 12$

Ex. 2 Solve the following linear systems by substitution.

a) $x + y = 4$
$3x - y = 0$

Step 1:

Step 2:

Step 3:

Step 4:

b) $6y - 3 = 3x$
$-y - x = -2$

Step 1:

Step 2:

Step 3:

Step 4:

Homework: pg. 209 # 1 – 3 (every other letter)