

CH3, L4 – EXIT SLIP

Objective: Given a multistep equation, I will solve for the solution by applying properties of equality.

Self-Assessment	I mastered the learning objective today.	I am almost there.	Need more practice and feedback.
Teacher Feedback	You mastered the learning objective today.	You are almost there.	You need more practice and feedback.

1. Solve the equation $\frac{1}{5}(x - 8) = x - 16$ below for x . Check your solution is correct.

2. Use the following equation $5x - 2(7x + 1) = 14x$ to answer each question:

a. Which equation is has the same solution as the original equation?

i. $-9x - 2 = 14x$

ii. $-9x + 1 = 14x$

iii. $-9x + 2 = 14x$

iv. $12x - 1 = 14x$

b. Solve the equation.

1. Inverse operations are used
2. Equation is kept balanced throughout entire process
3. Equation is solved vertically and all work shown to isolate the variable
4. Solution is checked through substitution