MPM 1DI

Unit 3 - Equations
Day 2 - Solving Multi - Step Equations

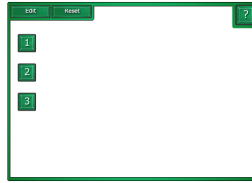Warm-Up: Solve the following equation.

$$3x - 5 = 10$$

Step 1: Isolate variable term

Step 2: Isolate variable

Example 1: Solve the following:

a) $3x - 5 + 2x = 20$

b) $2x + 5 = 6 + x$

c) $7 - 5x = 2x - 14$

d) $2(x + 7) = 4$

e) $3(2x - 1) - 2(x + 1) = 5$

Example 2: Solve the following equation. Check your solution.

$4(k - 3) = 12 - (2k - 6)$

Now Check Your Solution