

Activity #8 : Solving Practice - x on either side– using Algebra

1) An equation has been solved. Provide written explanations for each indicated step.

An equation has been solved. Provide written explanations for each of the indicated steps.

$3x + 5 = 47 - 4x$	Written Explanations
$3x + 5 + 4x = 47 - 4x + 4x$	
$7x + 5 = 47$	
$7x + 5 - 5 = 47 - 5$	
$7x = 42$	
$\frac{7x}{7} = \frac{42}{7}$	
$x = 6$	

2. Solve the following equations. Show all your work.

(a) $6x + 9 = 4x - 3$

(b) $5n - 7 = 2n + 14$

(c) $2p - 7 = 13 + 6p$

(d) $4m + 7 = 19 - 2m$

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

(f) $4 - 3n = 2n - 36$

4) Correct each answer

5) Fill in your Assessment summary sheet with the date and a self-assessment score