

OBJ. 1: Solving Multi-step/Variables on Both Sides Equations

1. Solve for x; $6(x + 2) - 5x = 18$

$x = 6$

2. Solve for x; $17 = -2(x - 5) + 3$

$4 = -2x$

3. Solve for x; $4x + 3 = 2x + 5$

4. Solve for x; $6(x + 1) = 3x - 3$

Objective	Score
1	A B NY
2	A B NY
3	A B NY
4	A B NY

ANSWERS:

1.	$x = 6$
2.	$x = -2$
3.	$x = 1$
4.	$x = -9$
4/4 = 100 3/4 = 80 0-2 = NY	
5.	$x = 0$
6.	B. No Solution
7.	$x = -5$
8.	$x = 3$
4/4 = 100 3/4 = 80 0-2 = NY	
9.	27, 28, 29
10.	length = 14 width = 18
11.	Anne: 20 Mary: 10
12.	\$ 10 more
4/4 = 100 3/4 = 80 0-2 = NY	
13.	width = 12in length = 20in
14.	Jill is 9.yo.
15.	16, 18, 20
16.	31, 33, 35
4/4 = 100 3/4 = 80 0-2 = NY	
17.	$x = 11$
18.	$x = 3$
19.	$x = 0$
20.	$M = 1$
4/4 = 100 3/4 = 80 0-2 = NY	

OBJ. 2: Solving Multi-step/Variables on Both Sides Equations (2)

5. Solve for x; $10 = -2(x - 5)$

Area: 240

6. Solve for x; $3(4x - 3) = -6 + 12x$

A. $x = 12$

C. Infinitely Many Solutions

B. No solution

D. $x = 0$

7. Solve for x; $\frac{1}{2}(8x - 6) - x = 5(x + 2) - 3$

8. Solve for x; $4(x - 3) - 4 = 5 - (2x + 3)$

$6x = 18$