

Foundations of Math I: Unit 1 SG

Teacher: _____

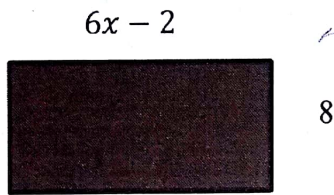
Student Name: _____

OBJ. 1: Simplifying by Combining Like Terms/Distributive Property/Application

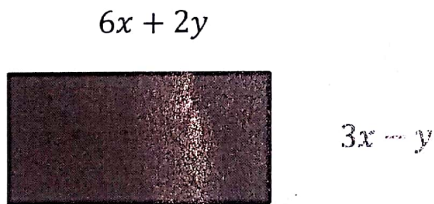
1. $\frac{1}{2}(4x - 8)$

2. $-3(x + 4) + 2(5x + 2)$

3. Write a simplified expression for the area of the rectangle.



4. Write a simplified expression for the perimeter of rectangle.



OBJ. 2: Solving 1-Step Equations

Solve for x.

5. $-7 = x + 11$

6. $-36 = -4x$

7. $\frac{x}{5} = -10$

8. $\frac{2}{3}x = 6$

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

ANSWERS:

1.	$2x - 4$		
2.	$7x - 8$		
3.	$48x - 16$		
4.	$18x + 2y$		
4/4 = 100 3/4 = 80 0-2 = NY			
5.	$x = -18$		
6.	$x = 9$		
7.	$x = -50$		
8.	$x = 9$		
4/4 = 100 3/4 = 80 0-2 = NY			
9.	$x = -4$		
10.	$x = 5$		
11.	$x = 5$		
12.	$x = 6$		
4/4 = 100 3/4 = 80 0-2 = NY			
13.	4 hours		
14.	40 videos		
15.	10 boxes		
16.	9 more		
4/4 = 100 3/4 = 80 0-2 = NY			