

Name \_\_\_\_\_ Date \_\_\_\_\_

**Patterns and Relations**  
**Unit 3 Line Master 4a**

**Sum 'Em**

Set 1: Sum = 4.5	
$-2(x + 1) = 4$	$2(x + 1) = 4$
$12 = 6(x - 1)$	$-3(2 - x) - x = 1$

Set 2: Sum = $4\frac{7}{10}$	
$3(1 - 2n) + n = 2$	$-2(3n - 1) + 2n = 4$
$4 = 6 - 2(n + 1)$	$3(n + 2) = 21$

Set 3: Sum = $-21\frac{2}{5}$	
$2(p + 1) = 3(p - 1)$	$-(3p + 4) = 5(2 - p)$
$4(2p - 6) = 3(3p + 3)$	$6(4 - p) = 2(p + 2)$

Name \_\_\_\_\_ Date \_\_\_\_\_

**Patterns and Relations**  
**Unit 3 Line Master 4b**

**Sum 'Em (cont'd)**

Set 4: Sum = $-4$	
$3.6x - 2(x + 1.3) = 9.7 + 2.9(x - 2)$	$4.3(2.1x - 1.2) - 5.67 = 3(5.9 - 6.5x)$
$-3(2.7 + 4.8x) = 5.5 - 8(1.3x + 5.7)$	$-2.9(6.4 - 8.3x) - 4x$ $= 10(2x - 1.912)$

Set 5: Sum = $-13\frac{9}{12}$	
$\frac{1}{4}x - \frac{3}{8}(x + 16) = 2 + \frac{3}{4}(x + 1)$	$\frac{1}{2}(3x + 1) + 7 = \frac{3}{4}(5x + 6)$
$\frac{4}{5}(x + 2) - 5x = -2(\frac{3}{8}x - 7) + 6$	$\frac{3}{4}(4x - 8) + \frac{1}{4} = 5(2x - 1\frac{1}{2})$