



Name: \_\_\_\_\_

Date: \_\_\_\_\_

# ora 1 – Unit 2 – Solving Equations with Variables on Both Sides (Challenge)

1.  $13x + 23 = 6x + 93$

2.  $2(3x + 2) = 4(x + 7)$

3.  $15x = 7x + 72$

4.  $15x + 19 = 10x + 79$

5.  $14x + 22 = 8x + 106$

6.  $22x - 144 = 9x - 14$

7.  $3(4x + 8) = 2(x + 37)$

8.  $30x - 106 = 20x - 6$



# Unit 2 – Solving Equations with Variables on Both Sides (Challenge) –

1.  $13x + 23 = 6x + 93$

$x = 10$

2.  $2(3x + 2) = 4(x + 7)$

$x = 12$

3.  $15x = 7x + 72$

$x = 9$

4.  $15x + 19 = 10x + 79$

$x = 12$

5.  $14x + 22 = 8x + 106$

$x = 14$

6.  $22x - 144 = 9x - 14$

$x = 10$

7.  $3(4x + 8) = 2(x + 37)$

$x = 5$

8.  $30x - 106 = 20x - 6$

$x = 10$