

## Solving Linear Equations

MTH 103E worksheet

Name \_\_\_\_\_

1.  $3x - (x + 2) - 7 = -5(x - 1)$

2.  $-2(7 - x) - 6 = 5 - 3(2x - 5)$

3.  $8 - 5(1 - 2x) = 7x - 2(3x - 5)$

4.  $4 - (6x - 5) + 8x = 9 + 3(4 - x)$

5.  $5x - 2(4 - 3x) + 18 = -3(-1 - 5x) - 5$

6.  $4(2x - 1) - 4x - 3 = 11 - 2(5 - 3x)$

7.  $7 - (5x - 2) + 3(2 - x) = 5(-2 - 3x)$

8.  $8 - 2(3x - 7) + x - 3 = 7x - (3 - 5x) + 10$