

## Linear Equations in One Variable

## Topic: Equations

Name: Date: 

Note: Provide the answers in proper fraction. Eg. 9/25

Solve each of the following equations:

1.  $(2x+5)/3 = 3x - 10$

2.  $(a-8)/3 = (a-3)/2$

3.  $(7y + 2)/5 = (6y - 5)/11$

4.  $x - 2x + 2 - 16/3x + 5 = 3 - 7/2x$

5.  $1/2x + 7x - 6 = 7x + 1/4$

6.  $3/4x + 4x = 7/8 + 6x - 6$

7.  $7x/2 - 5x/2 = 20x/3 + 10$

8.  $(6x+1)/2 + 1 = (7x-3)/3$

9.  $(3a-2)/3 + (2a+3)/2 = a + 7/6$

10.  $x - (x-1)/2 = 1 - (x-2)/3$

