

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

