

In your own words, write your solution procedure for Linear Equations. Consider applying DFOOFD

If you need more room, perform your work on separate pages and write answers on this page. Attach your work.

1) $\frac{3-x}{2} + \frac{2}{3} = 1 - \frac{3(2x-5)}{2}$

2) $\frac{4x}{3} - 3 \cdot \frac{7-3x}{2} = \frac{2x}{3} + 4(5-2x)$

ans

ans

3) Solve for x

$$ax + 3 = bx + 9$$

4) Solve for x

$$2ax + 3 = 5(ax - 3b)$$

ans

ans

5) Solve for H

$$20 = \pi HR^2$$

ans

6) Solve for x

$$ax + bx + cx + 5x - 10 = 7x + 2$$

ans

7) Solve for y

$$10 - \frac{2(2y - 5)}{3} = 5 \frac{x + y}{2}$$

ans

8) Solve for x

$$\left(\frac{1}{2}\right)x + \left(\frac{3}{4}\right)x + ax = \left(\frac{5}{8}\right)x + 10$$

ans

9) Solve for x

$$axy(5 + y) - 10 = 4 - 2x$$

ans

10) Solve for x

$$10 - \frac{3(5 - 4x)}{2} = 4 - 3 \frac{2 - 10x}{5}$$

ans