

Math 0406-Learning Outcome: Solve Linear Equations

Practice Problems:

1. $-\frac{2}{3}d = 8$

2. $9x + \frac{4}{5} = \frac{4}{5}$

3. $3(x + 2) = 36$

4. $4x - 3 + 2x = -21$

5. $5x + 2(x + 1) = 23$

6. $7a - (3a - 4) = 12$

7. $\frac{2}{3} = \frac{3}{4} - \frac{1}{2}y$

8. $3(2x - 5) = 8x - 9$

9. $15 - 3(5x - 7) = 2(7 - 2x)$

10. $5x + 3 = 10x - 17$

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Solutions:

1. -12
2. 0
3. 10
4. -3
5. 3
6. 2
7. $\frac{1}{6}$
8. -3
9. 2
10. 4