

Substitution Worksheet

Where Subway Employees Go When They're Committed

Solve the following systems of equations by using substitution.

1. $y = 3x$, $y = 2x + 4$

6. $x = 2$, $y = -2$

2. $y = 2x - 1$, $y + x = 7$

7. $y = -10x + 1$, $-30x + 3 = 3y$

3. $x + 2y = 5$, $2x - 4y = 6$

8. $2x + 5y = 12$, $3x + 6y = 16$

4. $4 + 2y = x - 5$, $2x + 4y = 12$

9. $5x + y = 10$, $y = 3x + 2$

5. $5x - y = 7$, $6x + 4y = 12$

10. $4x + 6y = 20$, $y = 16 - 3x$

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