

Name: _____

Date: _____

Line up the equations, multiply if needed so one variable cancels when you add. Last two are challenge problems!

1. $x + y = 10$ and $x - y = 4$.

show your work

2. $2x + y = 11$ and $x - y = 1$.

show your work

3. $3x + 2y = 16$ and $x - 2y = 0$.

show your work

4. $2x + 3y = 13$ and $2x + y = 7$.
(Subtract!)

show your work

5. $x + 3y = 11$ and $2x + y = 7$.

show your work

6. $3x + 4y = 25$ and $x - 4y = -13$.

show your work

7. $4x + 3y = 10$ and $2x + 3y = 8$.

show your work

8. $5x + 2y = 16$ and $3x - 4y = 20$.

show your work

9. $2x + 3y = 12$ and $3x - 2y = 5$. ★ CHALLENGE
(Multiply BOTH.)

show your work

10. $30x + 10y = 3700$ and $15x + 20y = 3575$ (two supplier prices). ★ CHALLENGE

show your work