

Solve a system of equations using the addition method. Find the domain value of the solution set.

1. $-4x + 8y = -28$
 $2x - 8y = 14$

2. $-10x + 10y = 30$
 $8x - 10y = -24$

3. $-8x + 4y = -28$
 $8x + 3y = -21$

4. $-4x + y = 20$
 $-8x - y = 16$

5. $10x + 7y = -23$
 $-4x - 7y = 5$

6. $2x - 4y = 22$
 $-7x + 4y = -7$

7. $4x - 10y = -10$
 $-4x - 6y = -6$

8. $2x + 4y = -22$
 $-4x - 4y = 12$

9. $-3x + 8y = -9$
 $-7x - 8y = -21$

10. $-7x - 2y = -10$
 $-x + 2y = -22$

11. $x - 3y = 6$
 $-x + 3y = 18$

12. $-5x + 5y = -20$
 $5x - 5y = 10$

13. $8x - 10y = 22$
 $-8x + 10y = -22$

14. $2x - 10y = 5$
 $-2x + 10y = -5$