

Name \_\_\_\_\_



Date \_\_\_\_\_

## Linear Equations

Solve each system of equations using the elimination method.

1. $9x - 14y = 171$ $9x - 8y = 117$	2. $3x + 5y = 74$ $5x + 4y = 93$	3. $15x + 17y = 89$ $13x + 16y = 48$
4. $4x + 11y = 286$ $x + 6y = 182$	5. $18x - 19y = 258$ $6x + 7y = 6$	6. $5x - y = -16$ $9x - y = -40$
7. $3x - 19y = 515$ $11x + 4y = -248$	8. $3x + y = 95$ $5x + 4y = 142$	9. $9x - 14y = -282$ $x - y = -33$
10. $16x + y = -281$ $5x - y = -97$	11. $13x - 17y = 253$ $3x + 2y = -66$	12. $12x - 7y = 362$ $18x - 7y = 494$