

Name _____



Date _____

Linear Equations

Solve each system of equations using the substitution method.

1. $13x + 9y = 178$ $2x - y = 118$	2. $x + 3y = 105$ $x + 2y = 82$	3. $3x - 2y = 23$ $x + 3y = 147$
4. $4x - 15y = 510$ $x + 2y = -22$	5. $9x + y = 85$ $9x - 2y = 127$	6. $14x - y = 249$ $7x + 6y = -129$
7. $2x - y = -19$ $x - y = -21$	8. $15x + y = -371$ $19x + 2y = -489$	9. $3x + y = 64$ $16x - 13y = 378$
10. $6x + y = 45$ $14x - 15y = -571$	11. $3x + 11y = -97$ $x + 11y = -91$	12. $5x - 18y = -515$ $8x + 5y = -148$