

Name _____

Date _____

Solving Systems of Equations - Matching Worksheet

Match problem to the value of the indicated system.

_____	1. Solve using elimination. $2x + 5y = 9$ $3x - 5y = 11$	a.	$x = -4, y = 5$
_____	2. Solve using substitution. $8x + 3y = -17$ $y = 5$	b.	$x = 4, y = 2$
_____	3. Solve using elimination. $-3x + 2y = 6$ $5x - 2y = 2$	c.	$x = 1.4, y = -1.47$
_____	4. Solve using substitution. $2x + 2y = 12$ $y = 2$	d.	$x = 0.92, y = 0.17$
_____	5. Solve using elimination. $4x + 3y = 10$ $6x - 3y = 4$	e.	$x = 0.923, y = 0.269$
_____	6. Solve using substitution. $3x + 2y = 42$ $y = 3$	f.	$x = 4, y = 0.2$
_____	7. Solve using elimination. $7x + 9y = 8$ $6x - 9y = 4$	g.	$x = 4, y = 9$
_____	8. Solve using substitution. $8x + 4y = -4$ $y = 5$	h.	$x = 12, y = 3$
_____	9. Solve using elimination. $8x + 6y = 9$ $5x - 6y = 3$	i.	$x = -3, y = 5$

