

Two-Variables Linear Equations ($ax+by=c$)

Name: _____

Date: _____ Score: _____

1. $5x + 7y = 76$
 $2x - 7y = -48$

2. $4x - 7y = -7$
 $6x + 2y = 52$

3. $8x + 6y = 52$
 $2x - 7y = -38$

4. $7x + 8y = 98$
 $7x - 4y = 14$

5. $5x + 6y = 64$
 $2x - 8y = -68$

6. $3x - 8y = -10$
 $5x - 5y = 0$

7. $4x - 6y = -36$
 $4x + 7y = 68$

8. $7x + 7y = 28$
 $8x + 3y = 17$



Name: _____

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1. $5x + 7y = 76$

$2x - 7y = -48$

$x = 4$

$y = 8$

2. $4x - 7y = -7$

$6x + 2y = 52$

$x = 7$

$y = 5$

3. $8x + 6y = 52$

$2x - 7y = -38$

$x = 2$

$y = 6$

4. $7x + 8y = 98$

$7x - 4y = 14$

$x = 6$

$y = 7$

5. $5x + 6y = 64$

$2x - 8y = -68$

$x = 2$

$y = 9$

6. $3x - 8y = -10$

$5x - 5y = 0$

$x = 2$

$y = 2$

7. $4x - 6y = -36$

$4x + 7y = 68$

$x = 3$

$y = 8$

8. $7x + 7y = 28$

$8x + 3y = 17$

$x = 1$

$y = 3$