



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

Name: _____

Date: _____ Score: _____

1. $3x - 7y = -35$
 $8x + 4y = 88$

2. $8x + 3y = 52$
 $2x - 6y = -14$

3. $4x - 8y = -48$
 $2x - 4y = -24$

4. $3x + 2y = 25$
 $8x - 6y = -24$

5. $4x - 4y = 4$
 $7x - 3y = 19$

6. $8x - 5y = -5$
 $5x + 8y = 97$

7. $7x - 3y = 25$
 $8x - 3y = 29$

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

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1. $3x - 7y = -35$

$8x + 4y = 88$

$x = 7$

$y = 8$

2. $8x + 3y = 52$

$2x - 6y = -14$

$x = 5$

$y = 4$

3. $4x - 8y = -48$

$2x - 4y = -24$

$x = 6$

$y = 9$

4. $3x + 2y = 25$

$8x - 6y = -24$

$x = 3$

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5. $4x - 4y = 4$

$7x - 3y = 19$

$x = 4$

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6. $8x - 5y = -5$

$5x + 8y = 97$

$x = 5$

$y = 9$

7. $7x - 3y = 25$

$8x - 3y = 29$

$x = 4$

$y = 1$

8. $2x - 4y = -28$

$8x - 2y = 14$

$x = 4$

$y = 9$