



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

Name: _____

Date: _____ Score: _____

1. $4x + 6y = 72$
 $2x + 6y = 60$

2. $7x - 3y = 37$
 $4x - 8y = -4$

3. $7x + 8y = 39$
 $7x + 4y = 23$

4. $6x - 6y = -12$
 $5x - 2y = 17$

5. $7x + 3y = 61$
 $8x + 7y = 84$

6. $3x - 6y = -12$
 $3x - 7y = -17$

7. $8x + 3y = 70$
 $2x - 6y = 4$

8. $8x + 5y = 104$
 $5x - 6y = -8$



Name: _____

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1. $4x + 6y = 72$

$2x + 6y = 60$

$x = 6$

$y = 8$

2. $7x - 3y = 37$

$4x - 8y = -4$

$x = 7$

$y = 4$

3. $7x + 8y = 39$

$7x + 4y = 23$

$x = 1$

$y = 4$

4. $6x - 6y = -12$

$5x - 2y = 17$

$x = 7$

$y = 9$

5. $7x + 3y = 61$

$8x + 7y = 84$

$x = 7$

$y = 4$

6. $3x - 6y = -12$

$3x - 7y = -17$

$x = 6$

$y = 5$

7. $8x + 3y = 70$

$2x - 6y = 4$

$x = 8$

$y = 2$

8. $8x + 5y = 104$

$5x - 6y = -8$

$x = 8$

$y = 8$