



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

Name: _____

Date: _____ Score: _____

1. $2x - 8y = -16$
 $4x - 7y = 4$

2. $3x + 6y = 78$
 $8x - 8y = -8$

3. $8x - 2y = 28$
 $2x + 3y = 14$

4. $2x + 6y = 28$
 $2x + 5y = 24$

5. $7x + 8y = 119$
 $4x + 5y = 71$

6. $5x + 5y = 65$
 $3x - 7y = -51$

7. $6x - 4y = 14$
 $3x + 7y = 43$

8. $5x + 8y = 76$
 $6x - 8y = -32$



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1. $2x - 8y = -16$

$4x - 7y = 4$

$x = 8$

$y = 4$

2. $3x + 6y = 78$

$8x - 8y = -8$

$x = 8$

$y = 9$

3. $8x - 2y = 28$

$2x + 3y = 14$

$x = 4$

$y = 2$

4. $2x + 6y = 28$

$2x + 5y = 24$

$x = 2$

$y = 4$

5. $7x + 8y = 119$

$4x + 5y = 71$

$x = 9$

$y = 7$

6. $5x + 5y = 65$

$3x - 7y = -51$

$x = 4$

$y = 9$

7. $6x - 4y = 14$

$3x + 7y = 43$

$x = 5$

$y = 4$

8. $5x + 8y = 76$

$6x - 8y = -32$

$x = 4$

$y = 7$