



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

Name: _____

Date: _____ Score: _____

1. $7x - 2y = 44$
 $8x + 2y = 76$

2. $8x - 5y = -1$
 $7x - 7y = -14$

3. $3x + 5y = 36$
 $8x + 6y = 74$

4. $4x + 8y = 48$
 $7x + 6y = 44$

5. $5x - 3y = 37$
 $6x + 7y = 55$

6. $7x - 2y = 24$
 $6x + 4y = 32$

7. $3x - 6y = 0$
 $4x - 4y = 16$

8. $5x + 8y = 93$
 $8x - 4y = 48$



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1. $7x - 2y = 44$

$8x + 2y = 76$

$x = 8$

$y = 6$

2. $8x - 5y = -1$

$7x - 7y = -14$

$x = 3$

$y = 5$

3. $3x + 5y = 36$

$8x + 6y = 74$

$x = 7$

$y = 3$

4. $4x + 8y = 48$

$7x + 6y = 44$

$x = 2$

$y = 5$

5. $5x - 3y = 37$

$6x + 7y = 55$

$x = 8$

$y = 1$

6. $7x - 2y = 24$

$6x + 4y = 32$

$x = 4$

$y = 2$

7. $3x - 6y = 0$

$4x - 4y = 16$

$x = 8$

$y = 4$

8. $5x + 8y = 93$

$8x - 4y = 48$

$x = 9$

$y = 6$