

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

Name: _____

Date: _____ Score: _____

1. $8x + 7y = 99$
 $8x + 2y = 74$

2. $4x + 3y = 30$
 $6x + 8y = 52$

3. $6x - 3y = 36$
 $4x - 6y = 16$

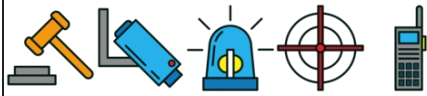
4. $2x - 7y = -33$
 $8x - 8y = 8$

5. $5x - 6y = -2$
 $6x - 2y = 8$

6. $8x - 8y = -16$
 $4x + 8y = 76$

7. $3x + 5y = 43$
 $4x - 6y = -44$

8. $4x + 6y = 62$
 $7x - 3y = 14$



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1. $8x + 7y = 99$

$8x + 2y = 74$

$x = 8$

$y = 5$

2. $4x + 3y = 30$

$6x + 8y = 52$

$x = 6$

$y = 2$

3. $6x - 3y = 36$

$4x - 6y = 16$

$x = 7$

$y = 2$

4. $2x - 7y = -33$

$8x - 8y = 8$

$x = 8$

$y = 7$

5. $5x - 6y = -2$

$6x - 2y = 8$

$x = 2$

$y = 2$

6. $8x - 8y = -16$

$4x + 8y = 76$

$x = 5$

$y = 7$

7. $3x + 5y = 43$

$4x - 6y = -44$

$x = 1$

$y = 8$

8. $4x + 6y = 62$

$7x - 3y = 14$

$x = 5$

$y = 7$