



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

Name: _____

Date: _____ Score: _____

1. $7x + 8y = 106$
 $3x - 5y = -22$

2. $7x + 7y = 42$
 $3x + 4y = 21$

3. $8x + 8y = 56$
 $5x - 4y = -1$

4. $8x + 5y = 65$
 $2x - 4y = -10$

5. $5x - 5y = -35$
 $4x + 8y = 80$

6. $2x - 6y = 0$
 $2x + 8y = 14$

7. $8x - 7y = -15$
 $4x - 7y = -39$

8. $4x + 2y = 26$
 $4x + 4y = 36$



Name: _____

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1. $7x + 8y = 106$

$3x - 5y = -22$

$x = 6$

$y = 8$

2. $7x + 7y = 42$

$3x + 4y = 21$

$x = 3$

$y = 3$

3. $8x + 8y = 56$

$5x - 4y = -1$

$x = 3$

$y = 4$

4. $8x + 5y = 65$

$2x - 4y = -10$

$x = 5$

$y = 5$

5. $5x - 5y = -35$

$4x + 8y = 80$

$x = 2$

$y = 9$

6. $2x - 6y = 0$

$2x + 8y = 14$

$x = 3$

$y = 1$

7. $8x - 7y = -15$

$4x - 7y = -39$

$x = 6$

$y = 9$

8. $4x + 2y = 26$

$4x + 4y = 36$

$x = 4$

$y = 5$