



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

Name: _____

Date: _____ Score: _____

1. $7x + 4y = 54$
 $3x + 5y = 33$

2. $6x + 3y = 63$
 $5x + 7y = 84$

3. $4x - 4y = -24$
 $8x - 6y = -30$

4. $7x - 6y = 23$
 $3x + 6y = 27$

5. $3x - 2y = 10$
 $3x + 4y = 52$

6. $5x - 2y = 24$
 $2x - 7y = -40$

7. $6x - 8y = -12$
 $4x - 8y = -16$

8. $8x - 4y = 0$
 $6x - 6y = -12$



Name: _____

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1. $7x + 4y = 54$

$3x + 5y = 33$

$x = 6$

$y = 3$

2. $6x + 3y = 63$

$5x + 7y = 84$

$x = 7$

$y = 7$

3. $4x - 4y = -24$

$8x - 6y = -30$

$x = 3$

$y = 9$

4. $7x - 6y = 23$

$3x + 6y = 27$

$x = 5$

$y = 2$

5. $3x - 2y = 10$

$3x + 4y = 52$

$x = 8$

$y = 7$

6. $5x - 2y = 24$

$2x - 7y = -40$

$x = 8$

$y = 8$

7. $6x - 8y = -12$

$4x - 8y = -16$

$x = 2$

$y = 3$

8. $8x - 4y = 0$

$6x - 6y = -12$

$x = 2$

$y = 4$