



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

Name: _____

Date: _____ Score: _____

1. $3x + 6y = 24$
 $5x + 6y = 28$

2. $6x + 6y = 60$
 $6x + 8y = 78$

3. $8x - 7y = -6$
 $6x - 2y = 2$

4. $3x + 3y = 42$
 $3x + 7y = 78$

5. $7x + 7y = 56$
 $7x + 8y = 61$

6. $4x + 8y = 32$
 $7x - 5y = 18$

7. $2x - 8y = -44$
 $8x + 3y = 69$

8. $5x + 5y = 40$
 $3x - 8y = -9$



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Date: _____ Score: _____

1. $3x + 6y = 24$

$5x + 6y = 28$

$x = 2$

$y = 3$

2. $6x + 6y = 60$

$6x + 8y = 78$

$x = 1$

$y = 9$

3. $8x - 7y = -6$

$6x - 2y = 2$

$x = 1$

$y = 2$

4. $3x + 3y = 42$

$3x + 7y = 78$

$x = 5$

$y = 9$

5. $7x + 7y = 56$

$7x + 8y = 61$

$x = 3$

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6. $4x + 8y = 32$

$7x - 5y = 18$

$x = 4$

$y = 2$

7. $2x - 8y = -44$

$8x + 3y = 69$

$x = 6$

$y = 7$

8. $5x + 5y = 40$

$3x - 8y = -9$

$x = 5$

$y = 3$