



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

Name: _____

Date: _____ Score: _____

1. $8x + 8y = 64$
 $3x + 7y = 48$

2. $4x + 5y = 41$
 $5x + 8y = 53$

3. $5x + 8y = 69$
 $8x + 2y = 78$

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

5. $3x + 4y = 24$
 $5x - 2y = 14$

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

7. $2x + 2y = 26$
 $4x + 2y = 34$

8. $6x + 7y = 67$
 $8x - 6y = -18$



Name: _____

Date: _____ Score: _____

1. $8x + 8y = 64$

$3x + 7y = 48$

$x = 2$

$y = 6$

2. $4x + 5y = 41$

$5x + 8y = 53$

$x = 9$

$y = 1$

3. $5x + 8y = 69$

$8x + 2y = 78$

$x = 9$

$y = 3$

4. $4x - 6y = -4$

$4x - 8y = -16$

$x = 8$

$y = 6$

5. $3x + 4y = 24$

$5x - 2y = 14$

$x = 4$

$y = 3$

6. $8x - 2y = 6$

$8x - 2y = 6$

$x = 3$

$y = 9$

7. $2x + 2y = 26$

$4x + 2y = 34$

$x = 4$

$y = 9$

8. $6x + 7y = 67$

$8x - 6y = -18$

$x = 3$

$y = 7$