

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

Name: _____

Date: _____ Score: _____

1. $4x - 5y = -27$
 $7x + 2y = 28$

2. $6x - 4y = 36$
 $8x + 2y = 70$

3. $7x + 8y = 96$
 $6x - 5y = 23$

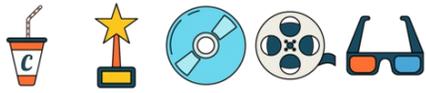
4. $2x + 8y = 46$
 $6x + 8y = 58$

5. $5x + 4y = 62$
 $7x - 7y = -14$

6. $6x - 8y = 12$
 $3x + 8y = 42$

7. $5x + 7y = 34$
 $4x + 4y = 24$

8. $7x + 7y = 84$
 $3x - 2y = 21$



Name: _____

Date: _____ Score: _____

1. $4x - 5y = -27$

$7x + 2y = 28$

$x = 2$

$y = 7$

2. $6x - 4y = 36$

$8x + 2y = 70$

$x = 8$

$y = 3$

3. $7x + 8y = 96$

$6x - 5y = 23$

$x = 8$

$y = 5$

4. $2x + 8y = 46$

$6x + 8y = 58$

$x = 3$

$y = 5$

5. $5x + 4y = 62$

$7x - 7y = -14$

$x = 6$

$y = 8$

6. $6x - 8y = 12$

$3x + 8y = 42$

$x = 6$

$y = 3$

7. $5x + 7y = 34$

$4x + 4y = 24$

$x = 4$

$y = 2$

8. $7x + 7y = 84$

$3x - 2y = 21$

$x = 9$

$y = 3$