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

Name: _____ Date: _____ Score: _____

1. $3x + 3y = 36$
   $8x + 2y = 60$

2. $7x + 7y = 56$
   $7x - 7y = -14$

3. $8x - 7y = 20$
   $8x + 6y = 72$

4. $7x + 4y = 57$
   $6x - 8y = 26$

5. $2x + 3y = 34$
   $3x - 2y = 12$

6. $6x + 2y = 18$
   $6x - 4y = -18$

7. $6x + 7y = 117$
   $2x + 7y = 81$

8. $6x + 3y = 36$
   $4x + 6y = 40$

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

Name: _____ Date: _____ Score: _____

1. $3x + 3y = 36$
$8x + 2y = 60$

$x = 6$
$y = 6$

2. $7x + 7y = 56$
$7x - 7y = -14$

$x = 3$
$y = 5$

3. $8x - 7y = 20$
$8x + 6y = 72$

$x = 6$
$y = 4$

4. $7x + 4y = 57$
$6x - 8y = 26$

$x = 7$
$y = 2$

5. $2x + 3y = 34$
$3x - 2y = 12$

$x = 8$
$y = 6$

6. $6x + 2y = 18$
$6x - 4y = -18$

$x = 1$
$y = 6$

7. $6x + 7y = 117$
$2x + 7y = 81$

$x = 9$
$y = 9$

8. $6x + 3y = 36$
$4x + 6y = 40$

$x = 4$
$y = 4$