



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

Name: _____

Date: _____ Score: _____

1. $2x + 6y = 20$
 $3x + 2y = 23$

2. $4x + 5y = 69$
 $8x + 4y = 84$

3. $3x - 6y = -36$
 $5x + 8y = 66$

4. $8x + 5y = 54$
 $3x + 3y = 27$

5. $4x - 8y = -48$
 $3x - 5y = -27$

6. $4x + 2y = 26$
 $2x + 7y = 31$

7. $7x + 5y = 81$
 $2x + 5y = 41$

8. $2x + 3y = 31$
 $2x + 2y = 24$

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

Name: _____

Date: _____ Score: _____

1. $2x + 6y = 20$

$3x + 2y = 23$

$x = 7$

$y = 1$

2. $4x + 5y = 69$

$8x + 4y = 84$

$x = 6$

$y = 9$

3. $3x - 6y = -36$

$5x + 8y = 66$

$x = 2$

$y = 7$

4. $8x + 5y = 54$

$3x + 3y = 27$

$x = 3$

$y = 6$

5. $4x - 8y = -48$

$3x - 5y = -27$

$x = 6$

$y = 9$

6. $4x + 2y = 26$

$2x + 7y = 31$

$x = 5$

$y = 3$

7. $7x + 5y = 81$

$2x + 5y = 41$

$x = 8$

$y = 5$

8. $2x + 3y = 31$

$2x + 2y = 24$

$x = 5$

$y = 7$