

Name: _____

Date: _____

Lesson 5.2 Solving Systems of Linear Equations Using Algebraic Methods

Solve the systems of linear equations using the elimination method.

1. $3y - x = 2$
 $3y + x = 16$

2. $x - 5y = 13$
 $9y - x = -17$

3. $7q + 2p = 29$
 $2p - q = 5$

4. $2w - 3v = 4$
 $w + 3v = 29$

5. $2a - b = 6$
 $3a + b = 19$

6. $6n - m = 3$
 $3m - 6n = 15$

7. $8x + 6y = 14$
 $6x + 3y = 6$

8. $4p + 5q = -18$
 $3p - 10q = 69$