

Name _____

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Date _____

8R Period _____

How Do We Solve A System Of Linear Equations Algebraically?
Addition Method

Examples: Solve the following systems of equations using the addition method. Check your answer.

1) $3x - y = 7$
 $2x + y = 8$

2) $5x - 2y = 20$
 $2x + 3y = 27$

3) $5a + b = 13$
 $4a - 3b = 18$

4) $2x + 5y = -1$
 $-3x + y = 10$

5) $5m + 3n = 14$
 $2m + n = 6$

6) $4x + 3y = 12$
 $-2x + y = -16$