

Name: \_\_\_\_\_

## 6.2 and 6.3 Review

Solve each system by the method of your choice. Explain why you have chosen the particular method.

$$\begin{aligned}x - y &= 7 \\ 2x + 5y &= 21\end{aligned}$$

$$\begin{aligned}8x + 5y &= 12 \\ 2x + 3y &= 10\end{aligned}$$

Explain:

Explain:

$$\begin{aligned}5x + 3y &= -11 \\ 3x - 4y &= 5\end{aligned}$$

$$\begin{aligned}7x + 5y &= 13 \\ -x + 3y &= -13\end{aligned}$$

Explain:

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In your notebook solve each system by the method of your choice.

1.  $x + 6y = 11$   
 $4x - y = -6$

2.  $2x - 5y = 29$   
 $3x + 2y = 53$

3.  $7x + 3y = 47$   
 $2x + 5y = 30$

4.  $5x - 4y = 11$   
 $y = 3x - 15$

5.  $2x - 5y = 19$   
 $7x - y = 17$

6.  $x + 2y = -4$   
 $3x - 4y = 18$

7.  $11x - y = 21$   
 $9x + 2y = -11$

8.  $4x - 3y = 19$   
 $3x + 2y = 27$

9.  $3x - 8y = 2$   
 $5x + 3y = 1$

10.  $4x + y = 3$   
 $3x - 2y = 1$

Front

(8,1)		(-1,4)
(-1,-2)		(4,-3)

Back

- |           |                  |
|-----------|------------------|
| 1. (-1,2) | 6. (2,-3)        |
| 2. (17,1) | 7. (1,-10)       |
| 3. (5,4)  | 8. (7,3)         |
| 4. (7,6)  | 9. (2/7, -1/7)   |
| 5. (2,-3) | 10. (7/11, 5/11) |