

11.3 Practice

Date _____ Period _____

Solve each system by elimination.

1) $x - 3y = -10$

$2x + 3y = -2$

3) $-5x + 9y = 26$

$5x + 4y = 26$

5) $2x + 3y = -23$

$-2x - 3y = 28$

7) $-10x + 5y = 15$

$-8x + 5y = 5$

9) $-10x - 5y = -20$

$-10x - 5y = -20$

11) $5x + 4y = -19$

$2x + 4y = 2$

2) $-3x + 10y = 24$

$3x + 6y = 24$

4) $5x - 8y = -13$

$-5x + 9y = 14$

6) $10x - 9y = 3$

$-10x + 9y = -3$

8) $10x - 8y = 0$

$10x - 3y = 0$

10) $6x + 9y = 1$

$6x + 9y = 3$

12) $7x - y = 14$

$7x - 5y = -14$

Answers to 11.3 Practice (ID: 1)

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|----------------|---------------------------------|-----------------|--------------|
| 1) $(-4, 2)$ | 2) $(2, 3)$ | 3) $(2, 4)$ | 4) $(-1, 1)$ |
| 5) No solution | 6) Infinite number of solutions | 7) $(-5, -7)$ | |
| 8) $(0, 0)$ | 9) Infinite number of solutions | 10) No solution | |
| 11) $(-7, 4)$ | 12) $(3, 7)$ | | |