

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

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

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### Cramers Rule with System of 3 Equations

Use Cramers Rule to solve each system.

1)  $-3z = 3$

$$x + 2y + 6z = -5$$

$$-4x + 3y = -3$$

2)  $2x + 6z = -2$

$$x + 2y + 9z = -5$$

$$6y - 6z = 5$$

3)  $6y + 4z = 5$

$$6x - 9y = -3$$

$$-3x - 6y - 3z = -5$$

4)  $-2x - 4y + 9z = -5$

$$-2y + 2z = 5$$

$$2x + 6z = -2$$

5)  $3x + 9z = -2$

$$4y = -4$$

$$2x + 4y - 6z = -5$$

6)  $4y - 6z = 5$

$$3x + 6y - 9z = -5$$

$$-4x = 4$$

7)  $x + 2y + 6z = -5$

$$6x = 4$$

$$3x + 6y + 6z = 2$$

8)  $-2x - 4y - 9z = -5$

$$x - 6y - 9z = 2$$

$$-4y = -4$$

9)  $3x + 6y + 3z = -5$

$$3z = 3$$

$$x + 6y + 3z = 2$$

10)  $x + 2y + 6z = -5$

$$2x + 2y + 6z = 2$$

$$-2y + 4z = 5$$

11)  $2x + 4y + 6z = -5$

$$2x - 4y + 6z = 2$$

$$x + 3z = -2$$

12)  $-x - 2y - 3z = -5$

$$-4x - 3y = -3$$

$$2x + 2y - 3z = 2$$

