

Name : _____

Score : _____

Teacher : _____

Date : _____

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) $-x - 2y - 3z = -5$
 $-4x - 3y = -3$
 $2x + 2y - 3z = 2$

