

**Practice Quiz #6-Understanding and Solving Systems of Equations-Methods Reveiw  
(Reference: Lesson #55 & #59 in book)****Problem**

1. For each of the following systems of equations, please solve the system by graphing method and expression the solution as a coordinate point.(SHOW ALL OF YOUR WORK.)

$$1. \quad -3x - 6y = -24$$

$$4x + 8y = 32$$

2.  $-3x + 3y = 9$

$$8x - 4y = -4$$

3.  $5x - 5y = -25$

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

4. For each of the following systems of equations, please solve the system by Substitution Method and expression the solution as a coordinate point.(SHOW ALL OF YOUR WORK.)

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

$$-5x + y = 9$$

5.  $-6x + 4y = 4$

$$-2x - 4y = 12$$

6.  $6x + 2y = 2$

$$-12x + 3y = -18$$

7. For each of the following systems of equations, please solve the system of equations by the method of your choice (GRAPHING or SUBSTITUTION) and express the solution as a coordinate point (SHOW ALL OF YOUR WORK.)

7.  $2x + 3y = 18$

$$-4x - 6y = 24$$

8.  $12x - 6y = 12$

$$-4y - 2x = -22$$

9.  $-9x - 3y = -27$

$$-2x - 4y = -16$$