

ALGEBRA 1B

Name _____

HOMEWORK: UNIT 6 OBJECTIVE 1

Period _____ Date _____

Determine if the given ordered pair is a solution to the system. Show your work.

1. $(2,3); \begin{cases} y = 4x - 5 \\ y = -3x + 10 \end{cases}$

2. $(-1,4); \begin{cases} y = 4x + 8 \\ y = -3x + 1 \end{cases}$

3. $(0,-4); \begin{cases} y = -2x - 4 \\ y = -4 \end{cases}$

4. $(-6,-4); \begin{cases} y = \frac{1}{2}x - 1 \\ y = -\frac{2}{3}x \end{cases}$

5. $(2,3); \begin{cases} y = 3 \\ x = 2 \end{cases}$

6. $(2,-3); \begin{cases} y = \frac{3}{2}x - 6 \\ y = -5x + 7 \end{cases}$

7. $(1,1); \begin{cases} x + 3y = 4 \\ 4x - y = 0 \end{cases}$

8. $(-2,-8); \begin{cases} x - 2y = 14 \\ 3x - 5y = 36 \end{cases}$

9. $(12, -6); \begin{cases} 6y - 4 = -4(x - 2) \\ y + 6 = \frac{2}{3}x - 8 \end{cases}$

10. $(-1, 3); \begin{cases} 2y = -(x - 5) \\ -y = -3(x + 2) \end{cases}$