

Date: ___/___/_____

Period: ___

Name: _____

System of Equation Review A1 9.0

Answer each question carefully. Show your work!!!

$$\begin{aligned} 1. \quad & 5e + 8f = -1 \\ & 2f + e = 1 \end{aligned}$$

$$\begin{aligned} 2. \quad & -7r - 6s = 7 \\ & -3s = 2r + 3 \end{aligned}$$

$$\begin{aligned} 3. \quad & -4p = -2q - 2 \\ & 3q = p - 2 \end{aligned}$$

$$\begin{aligned} 4. \quad & -8q + 5r = -3 \\ & 8r = 9q - 1 \end{aligned}$$

$$\begin{aligned} 5. \quad & -p + 9q = -1 \\ & -4q + 9p = 9 \end{aligned}$$

$$\begin{aligned} 6. \quad & 2d = 2e - 2 \\ & -e + 2d = 8 \end{aligned}$$

$$\begin{aligned} 7. \quad & 2j = -i + 2 \\ & 6j = i - 10 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4c = -8d + 7 \\ & -6d = 2c - 5 \end{aligned}$$

$$\begin{aligned} 9. \quad & 10k = -9j - 9 \\ & -10k = 9j + 9 \end{aligned}$$

$$\begin{aligned} 10. \quad & -10a = -6b + 10 \\ & 4a - 3b = -4 \end{aligned}$$

$$\begin{aligned} 11. \quad & m = -6n + 10 \\ & -7n - 6m = -2 \end{aligned}$$

$$\begin{aligned} 12. \quad & -v + 2u = 9 \\ & 6u = 3v \end{aligned}$$

$$\begin{aligned} 13. \quad & 6v - 5w = 8 \\ & -6v + 5w = -8 \end{aligned}$$

$$\begin{aligned} 14. \quad & 9v - u = 4 \\ & 7v - u = 3 \end{aligned}$$

$$\begin{aligned} 15. \quad & -q - r = 9 \\ & -q = r - 1 \end{aligned}$$

$$\begin{aligned} 16. \quad & -3t = -4s - 1 \\ & 7t + s = -8 \end{aligned}$$

1. $(e, f) = (-5, 3)$
2. $(r, s) = (-1/3, -7/9)$
3. $(p, q) = (1/5, -3/5)$
4. $(q, r) = (1, 1)$
5. $(p, q) = (1, 0)$
6. $(d, e) = (9, 10)$
7. $(i, j) = (4, -1)$
8. $(c, d) = (1/4, 3/4)$
9. All Real Numbers
10. $(a, b) = (-1, 0)$
11. $(m, n) = (-2, 2)$
12. No Solution
13. All Real Numbers
14. $(u, v) = (1/2, 1/2)$
15. No Solution
16. $(s, t) = (-1, -1)$