

Name _____

Date _____ Hour _____

1.3 SUPER Enrichment: Solving Systems – 4 Variables

- Use elimination by pairing equations to get down to 3 equations in 3 variables.
- Use elimination by pairing those equations to get 2 equations in 2 variables.
- Solve those 2 using elimination or substitution. Then find the other variables.

$$w + x + y + z = 0$$

$$-2w - x + 3y + 4z = -2$$

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

$$6w + 5x - 3y - 7z = -6$$