

$$5, \quad 1x + 3y + 2z = 4$$

$$2x + 3y + 1z = 2$$

$$1x + 2y - 1z = -4$$

$$2x + 5y + 1z = 0$$

$$2x + 3y + 1z = 2$$

$$2y = -2 \rightarrow \underline{y = -1}$$

$$2x + \overset{-5}{5y} + 1z = 0$$

$$\downarrow$$

$$2x + 1z = 5$$

$$\underline{x = 1, z = 3} \rightarrow$$

$$1 + -3 + 6 = 4 \checkmark$$

$$2 + -3 + 3 = 2 \checkmark$$

$$1 + -2 - 3 = -4 \checkmark$$

$$\underline{y = -1}$$

$$\underline{x = 1}$$

$$\underline{z = 3}$$