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EX.2.1.2.b2c, Sauer3

Use Gaussian elimination to solve the systems:

b.

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

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

c.

$$2x + y - 4z = -7$$
$$x - y + z = -2$$
$$-x + 3y - 2z = 6$$