

1. Determine if the given ordered triple is a solution of the system.

$$(-1, 3, 2)$$

$$x - 2z = -5$$

$$y - 3z = -3$$

$$2x - z = -4$$

2. Solve the system. If the system is inconsistent or dependent, state so.

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

$$3x - 3y - z = 5$$

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

**3.** Solve the system. If the system is inconsistent or dependent, state so.

$$3x + 4y + 5z = 8$$

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

$$2x - 4y + 6z = 8$$

Q: What can't be used until it's broken?