

# Solving Systems with Three Variables

$$x - 2(-2) = 5$$

$$y = -2$$

$$z = 0$$

## The Approach

Eliminate  $x$  from the EQ2 and EQ3

Eliminate  $y$  from EQ3

Eliminate  $z$  from EQ2 and EQ1

**Eliminate  $y$  from EQ1**

# Solving Systems with Three Variables

$$x = 1$$

$$y = -2$$

$$z = 0$$

## The Approach

Eliminate  $x$  from the EQ2 and EQ3

Eliminate  $y$  from EQ3

Eliminate  $z$  from EQ2 and EQ1

**Eliminate  $y$  from EQ1**