

Let the 3 numbers be  $x, y, \& z$

According to question

$$x + y = 55 \rightarrow y = 55 - x$$

$$y + z = 65 \rightarrow 55 - x + z = 65$$

$$z - x = 10 \dots (i)$$

$$z + 3x = 110 \dots (ii)$$

Solve (i) and (ii)

$$\mathbf{z = 35,}$$

$$x = 25,$$

$$y = 30$$