$x^2y + y^2z + z^2 + 4 = 27$

$+$

$x^2y + y^2z = 14$

$+$

$x^2y = 2$

$*$

$y^2z = 12$

$*$

$z^2 + 4 = 13$

$+$

$x^2 = 1$

$*$

$y^2 = 4$

$*$

$z^2 = 9$

$*$

x=1

y=2

z=3

4

Bottom-up Approach

Forward Pass