

Ex 3.1 Question 3

③ let Cost of 1 kg apples = ₹x
 Cost of 1 kg grapes = ₹y
 acc to condition I

$$2x + y = 160$$

$$\Rightarrow 2x + y - 160 = 0$$

acc to condition II

$$4x + 2y = 300$$

$$\Rightarrow 4x + 2y - 300 = 0$$

$$\div 2 \Rightarrow 2x + y - 150 = 0$$

$$y = 160 - 2x$$

$$y = 150 - 2x$$

x	40	60	80
y	80	40	0

x	75	50	60
y	0	50	30

