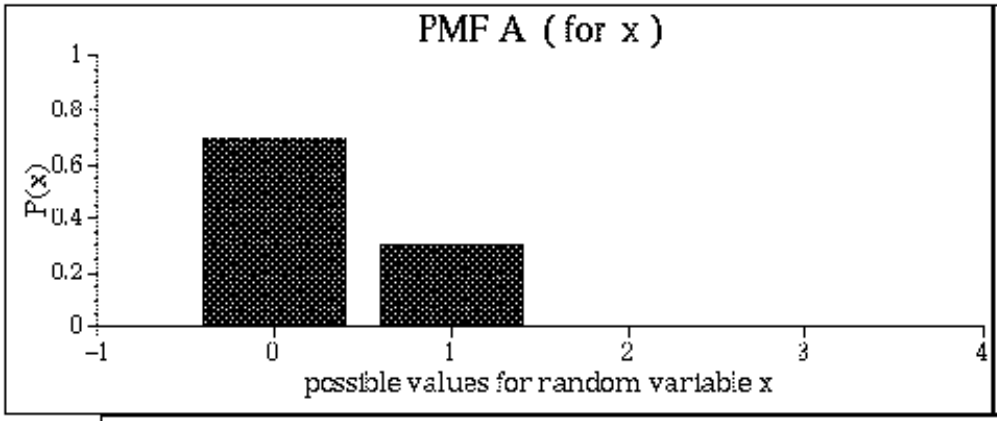
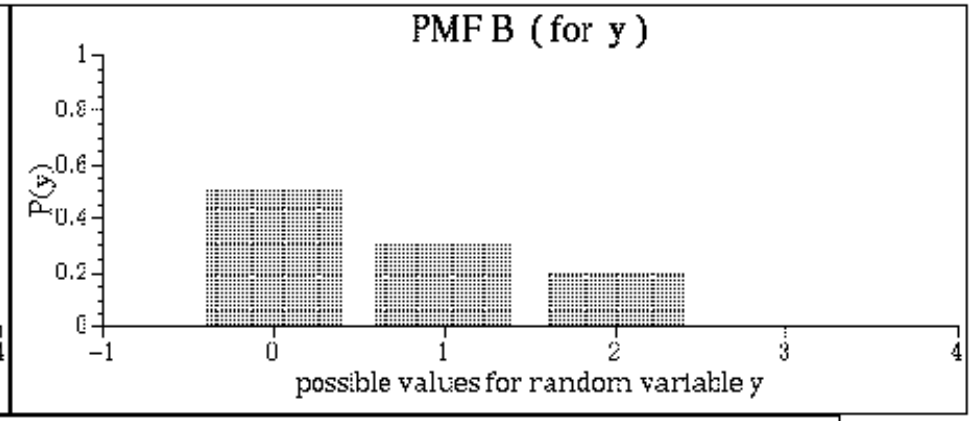
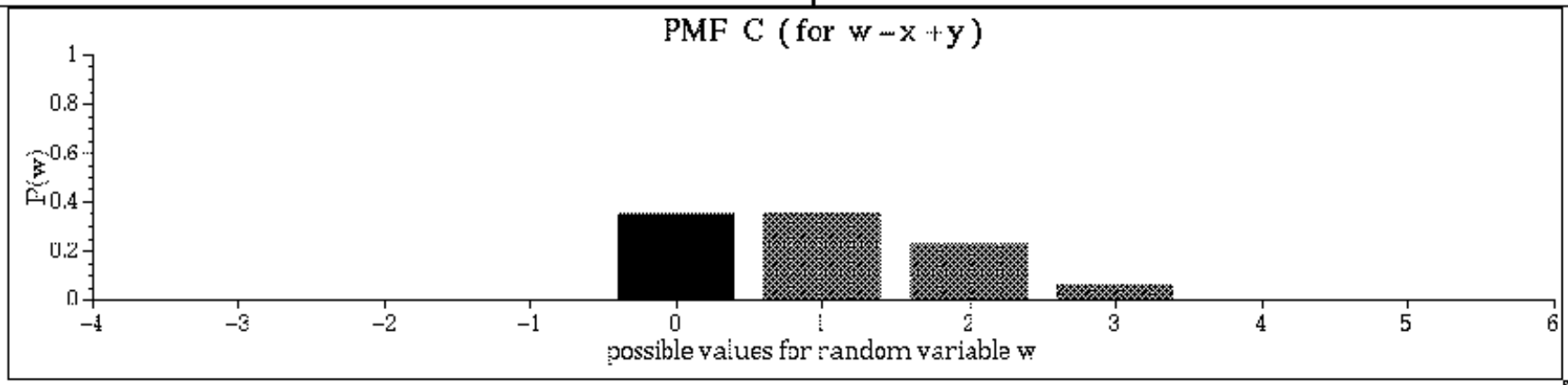
The convolution operation at work.







for w_0 = 0

Slide PMFs

P[0−x]	0.00	0.00	0.30	0.70
P[1−y]	0.50	0.30	0.20	0.00

$P_w[w_0 = 0]$ is found by multiplying the probabilities in each column and then summing

P[w=0] 0.35 = 0.35

■ Slide PMF A

□ Slide PMF B