A)

X : [[40.80890723]

 [3.84989691]]

P : [[-1.35856462e-17 -9.51308203e-18]

 [-6.93889390e-18 4.18431078e-01]]

B)

X : [[46.91387631]

 [4.84989691]]

P : [[6.79282297e-18 4.75653961e-18]

 [6.93889390e-18 4.18430969e-01]]

C)

X : [[-2.77555756e-16]

 [4.82478183e-01]]

P : [[6.79282297e-18 4.75653961e-18]

 [6.93889390e-18 4.18430969e-01]]

D)

X : [[2.29134086]

 [1.21882266]]

P : [[6.79282297e-18 4.75653961e-18]

 [6.93889390e-18 4.18430969e-01]]