MSE with 5 eigenfaces: 693.7021744253184

MSE with 50 eigenfaces: 119.20025848187892

MSE with 150 eigenfaces: 40.396660862606225

MSE with 280 eigenfaces: 5.6536142152465575e-27

K = 1, N = 3: cross validation acc = 0.7000 / 0.6625 / 0.6875 avg = 0.6833

Test score: 0.58333

K = 1, N = 50: cross validation acc = 0.9250 / 0.9500 / 0.9125 avg = 0.9292

Test score: 0.95833

K = 1, N = 100: cross validation acc = 0.9250 / 0.9500 / 0.9125 avg = 0.9292

Test score: 0.96667

K = 3, N = 3: cross validation acc = 0.5417 / 0.6250 / 0.6125 avg = 0.5931

Test score: 0.53333

K = 3, N = 50: cross validation acc = 0.8083 / 0.9000 / 0.8625 avg = 0.8569

Test score: 0.93333

K = 3, N = 100: cross validation acc = 0.8083 / 0.9250 / 0.8500 avg = 0.8611

Test score: 0.92500

K = 5, N = 3: cross validation acc = 0.4333 / 0.5125 / 0.6000 avg = 0.5153

Test score: 0.48333

K = 5, N = 50: cross validation acc = 0.7417 / 0.8000 / 0.7750 avg = 0.7722

Test score: 0.92500

K = 5, N = 100: cross validation acc = 0.7083 / 0.8125 / 0.7625 avg = 0.7611

Test score: 0.89167