SOLUTIONS TO QUIZ 1

Problem 1:  (a) The most obvious guess for $p$ is the proportion of heads in the sample which is \[ \frac{800}{1000} = 0.8. \]

Problem 2:  (a) See Lecture Notes.

Problem 3:  (a) See Lecture Notes.

Problem 4:  (b) The smaller the error, the better is the quality of the estimator.

Problem 5:  (a) See Lecture Notes.