Q1.

Train Accuracy: 0.9685

Test Accuracy: 0.8267

Commands:

mallet –import-svmlight –input examples/train2.vectors.txt –output examples/train2.vectors

mallet –import-svmlight –input examples/test2.vectors.txt –output test2.vectors –use-pipe-from train2.vectors

mallet train-classifier –trainer MaxEnt –input train2.vectors –output classifier q1/m1

vectors2classify –training-file train2.vectors –testing-file test2.vectors –trainer MaxEnt

classifier2info --classifier q1/m1 > q1/m1.txt

Q2.

Test Accuracy is 0.8267

Same as in Q1, since the same model file is used.