

Name:

ID#:

Section: 455 or 555

2	8	10	

Directions – *The quiz is closed book/notes. You have 10 minutes to complete it; use this paper only.*

Problem 1: Recall (2pts) (Answer in one sentence only.)

What is a decision boundary?

Problem 2: Work (8 pts) (Show all derivations/work and explain.)

What is the inverse of $\begin{bmatrix} 4 & 4 \\ 1 & 2 \end{bmatrix}$?