

Math 481 Attendance QUIZ for Lecture 8

NAME: (print!) _____

E-MAIL ADDRESS: (print!) _____

1. Suppose that X is a random variable taking the values $-2, -1, 0, 1, 2$ with equal probability, and let $Y = X^2$.

a. What is $Cor(X, Y)$?

b. Are X and Y independent?