Name _____   Date _____

Probability Distribution - Guided Lesson

Complete the following problems:

1) In a box 12 marbles, 3 are chipped. You will be randomly selecting 2 marbles. Let X be the number of chipped marbles out of the marble selection group. Find the probability distribution of X.

2) Two coins are flipped with sides labeled 1 and 2 and X is the random variable "the sum of the value that turn up". Find the probability distribution of X.

3) A college dorm has 15 students. 5 of those students are taking a math class. 3 students are randomly selected from the dorm. Let X be the number of students taking math. Find the probability distribution of X.