

Answer on Question #78431 – Math – Statistics and Probability

Question

I might need help with this regarding about probability.

Three phones were tested whether they were defective or not. The ratings of the test are given: 0 for no defects, 1 for one defect, 2 for two defects and 3 for three/ all the phone are defective. Let X be the number of defective cellphones that will occur during the testing. Find the possible outcomes and the x values of the variable.

Solution

The number of possible outcomes of this random variable are 0, 1, 2 and 3. The values mean that the possible outcomes are that 0,1,2 or 3 phones were defective out of 3 which were tested.