

Quiz 02/10/2011

Name _____

1. Events A and B are said to be *independent* if: _____

2. A random variable is _____

3. Three dice are rolled. Let X be the total of the faces showing. Find $P(X \leq 5)$.

- Extra credit: If the following is given to Mathematica as input, what will the output be?

```
Table[{i, Binomial[3,i]}, {i, 0, 3}]
```