

Math 1320

Quiz 11

Name \_\_\_\_\_

You may use a calculator and your homework, but not your books or notes. There are two problems worth 10 points each. **Show all of your work to receive full/partial credit.**

- 1) Let  $W$  be the event that you will use the book's Website tonight, and let  $I$  be the event that your math grade will improve. Express the given event in symbols.

You will use the Website tonight or your math grade will not improve.

2) The following table shows the results of a survey of randomly selected U.S. residents.

<b>Age</b>	0-14	15-29	30-64	>64
<b>Percentage</b>	20	21	46	13

a) Find the associated relative frequency distribution.

b) Find the relative frequency that a resident of the United States is 30 years or older.