Mathematics 300

Quiz 20 Name: Answer Key.

You must show your work to get full credit.

- **1.** Let $A = \{1, 2, 3, 4\}$ $A = \{1, 2, 3, 4\}$.
 - (a) Write out the relation, R, that expresses > on A.

Solution.

$$R = \{(2,1), (3,1), (3,2), (4,1), (4,2), (4,3)\}$$

(b) Illustrate R with a diagram.

