**0.**

**All Done! Survey finished, iclicker registered, piazza is working, submitting this on gradescope.**

**1.**

a) **True**

b) **False**, P(A) = { {},{0},{1},{ 2},{0,1},{0, 2},{1, 2},{0,1, 2} }.

c) **True**, as Bc = {0, 1, 2, c}

d) **True**

e) **True**

**2.**

a) ̶**a̶L, L ̶a̶ (Second and fourth sets)**

b) **=/=**

c) **∅**

d) **∅**

e) **ERROR**

**3.**

a) **5**

b) **4**

c) **ERROR**

d) **b**

e) **3**

**4.**

a) **No**

b) **No**

c) **No**

d) **Yes**

e) **Yes**