

Show all work for Partial Credit.

- 1) **17. Blood Groups and Types** If 2 of the 100 subjects are randomly selected, find the probability that they are both group O and type Rh⁺.
- Assume that the selections are made with replacement.
 - Assume that the selections are made without replacement.

		Group			
		O	A	B	AB
Type	Rh ⁺	39	35	8	4
	Rh ⁻	6	5	2	1

- 2) In a region, 80% of the population have brown eyes. If 11 people are randomly selected, find the probability that no more than 2 of them have brown eyes. Is it unusual to randomly select 11 people and find that no more than 2 of them have brown eyes? Why or why not?