Discrete. Spring 20 Quiz 11. NameShow all work for full or partial credit.		Time
1.		ng:
	• The number of subsets of size 3 of $A \cup B$ .	
2.	How many different committees of 4 people can be selected from a group of 10 people	ple?
3.	How many ways can 5 books be distributed to 4 shelves on a bookcase? (No ord shelves, just a loose pile.)	ering of the books on the
4.	How many ways can 5 books be distributed to 4 shelves on a bookcase, if there bottom shelf? (No ordering of the books on the shelves, just a loose pile.)	is at most 1 book on the
5.	How many ways can we plan for 4 books to be placed on a bookcase with 5 shelves? yet, just the plan.)	(No books on the shelves
6.	How many ways are there to put 4 books on the 5 shelves of the bookcase in order	ed rows?