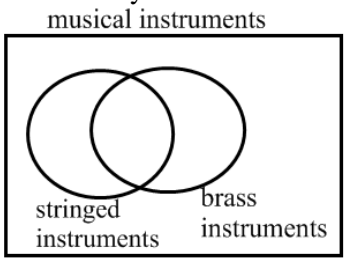
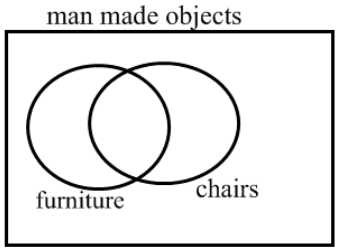
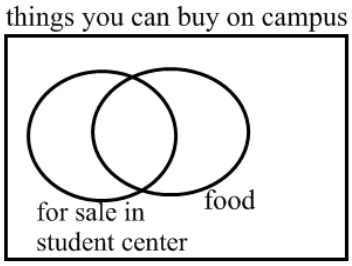
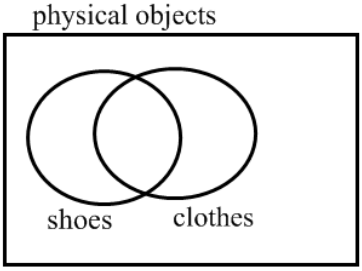
Sets review assignment:
Note: if your score on this assignment is better than your score on the similar previous assignment, I will raise your score on the earlier assignment.

1. For each pair of defined sets, tell if the sets intersect, if one is a subset of the other, or if they are disjoint. (Note: the definition of "intersecting sets" includes situations where one is a subset of the other, but for the purpose of this assignment, I will assume that if you say intersecting, but you do not say that one is a subset, that you intend me to understand that there is no subset relationship, and if you say that one is a subset of the other, you do not also have to say that the sets intersect). If you are giving an answer that you think is different from the one you expect I had in mind, please explain your answer



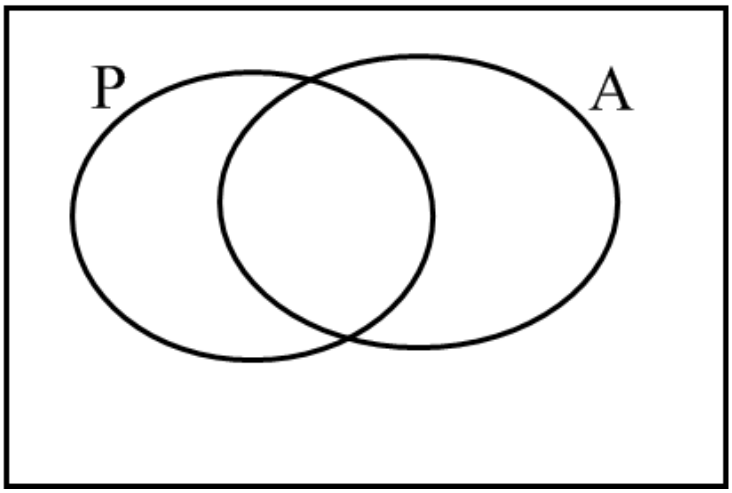


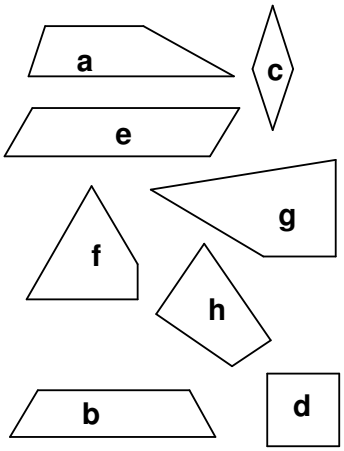




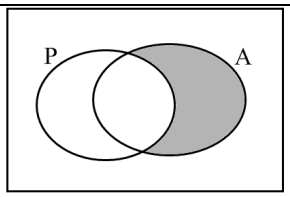
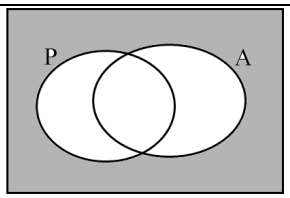
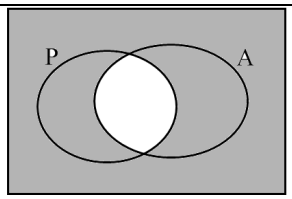
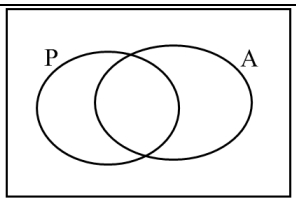
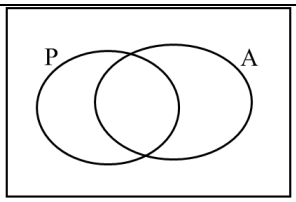
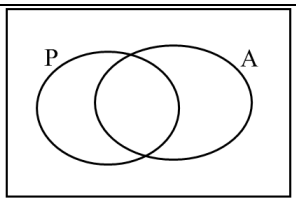
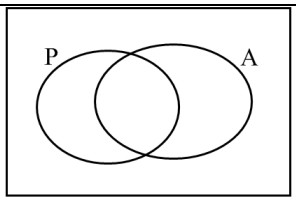
2. For this problem, and the next problem, the universe is all quadrilaterals, P is the set of quadrilaterals with a pair of parallel sides (which means at least one pair of parallel sides). A is the set of quadrilaterals with a pair (at least one pair) of equal angles.

First, show where each of these quadrilaterals should go in the diagram





3. Fill in the table (the universe is all quadrilaterals, P is quadrilaterals with (at least) one pair of parallel sides. A is the set of quadrilaterals with (at least) one pair of equal angles..)

Noun phrase	Set notation	Diagram
		
		
		
Quadrilaterals with a pair of parallel sides, but no equal angles		
Quadrilaterals that do not either have any parallel sides or equal angles		
Quadrilaterals that either do not have any parallel sides or do not have any equal angles		
Quadrilaterals that have either a pair of parallel sides or no equal angles.		
	$\overline{P} \cup \overline{A}$