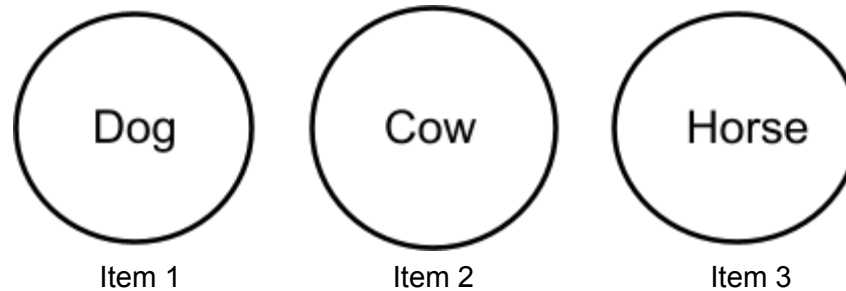


Diagrammatic Relationships

There are 9 types of diagrammatic relationships.

Type 1: Relationship between Dog, Cow and Horse

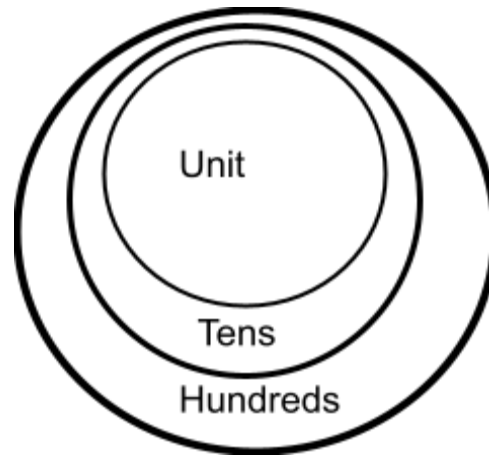
If all the words are of different groups, then they will be shown by the diagram as shown below:



In the above example we have 3 items, where item 1 is Dog, item 2 is Cow and item 3 is Horse. Here, all three are animals but of different groups, and there is no relation between them. Hence, they will be represented by three different circles.

Type 2: Relationship between Unit, Tens and Hundreds

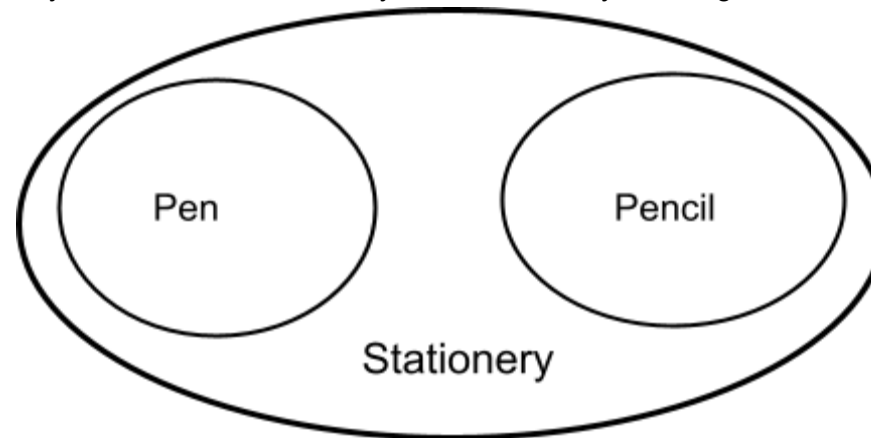
If the first word is related to the second word and second word is related to the third word, then they will be shown by this diagram:



In the above example, we have 3 items, where item 1 is Unit, item 2 is tens and item 3 is hundreds.
Ten units together make one tens or in one tens, whole unit is available and ten tens together make one hundreds.
 $10 \text{ unit (whole unit)} = 1 \text{ tens}$
 $10 \text{ tens} = 1 \text{ hundreds}$

Type 3: Relationship between Pen, Pencil and Stationery

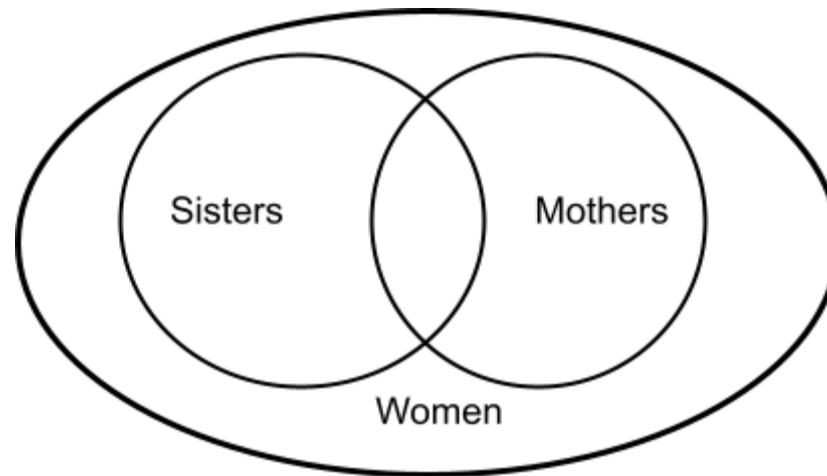
If 2 different items are completely related to third item, they will be shown by this diagram:



Here, we have 3 items, item 1 is pen, item 2 is pencil and item 3 is stationary. Even though they are related to the third item, in this case being a part of one category, they are still 2 separate items and don't represent any mutual relation.

Type 4: Relationship between Women, Sisters and Mothers

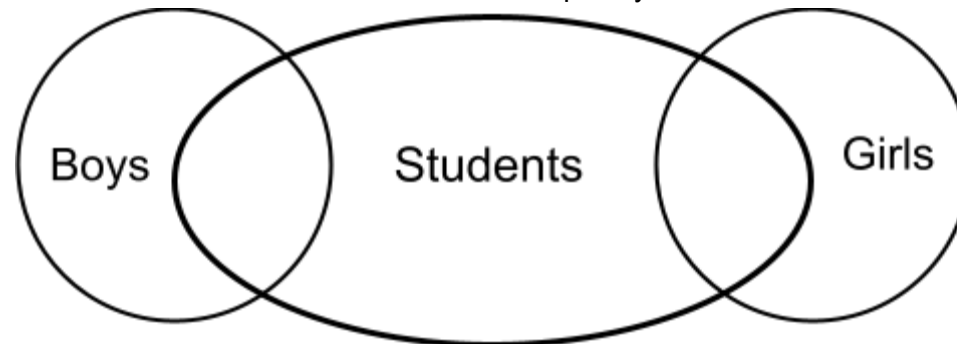
If there is some relation between two items and these two items are completely related to a third item they will be shown as given below.



In the above diagram, there are 3 items where item 1 is sisters, item 2 is mothers, and item 3 is women. Sisters and mothers can be mutually related as some sisters could be mothers and vice-versa, and both of them could only be women.

Type 5: Relationship between Students, Boys and Girls

Two items are related to a third item to some extent but not completely and first two items are totally different.

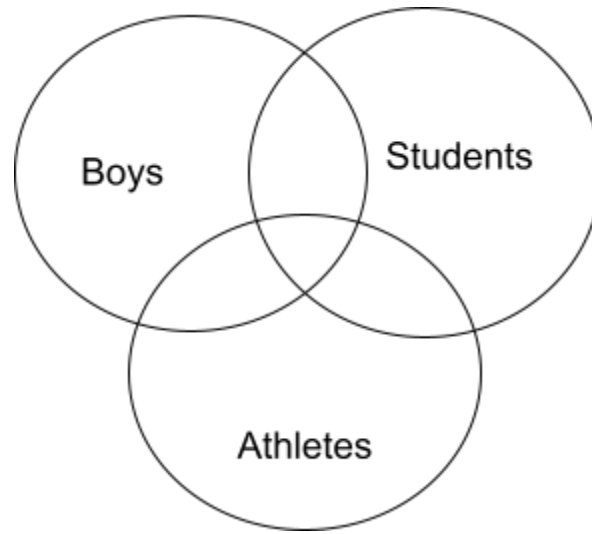


Here, the first item is boys, second item is students and third item is girls. The boys and girls are different items while some

boys maybe students. Similarly, among girls some may be students.

Type 6: Relationship between Boys, Students and Athletes

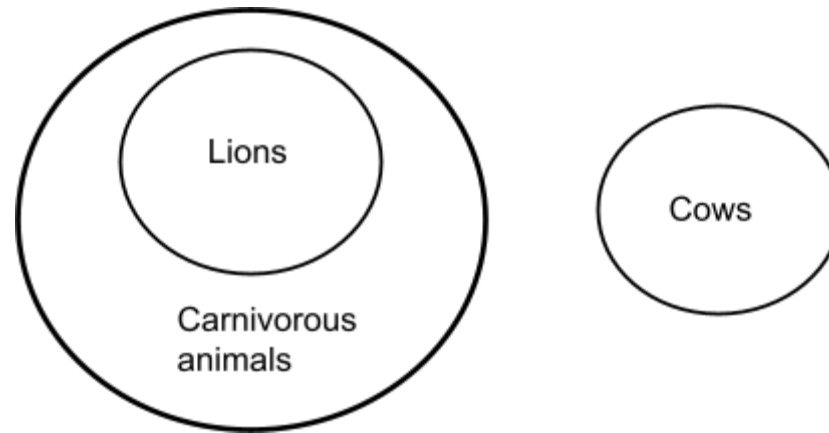
All the three items are related to one another but to some extent not completely.



Here, item 1 is boys, item 2 is students and item 3 is athletes. Some boys may be students and vice-versa. Similarly some boys may be athletes and vice-versa. Some students may be athletes and vice-versa. Some could be boys who are students and athletes.

Type 7: Relationship between Lions, Carnivorous and Cows

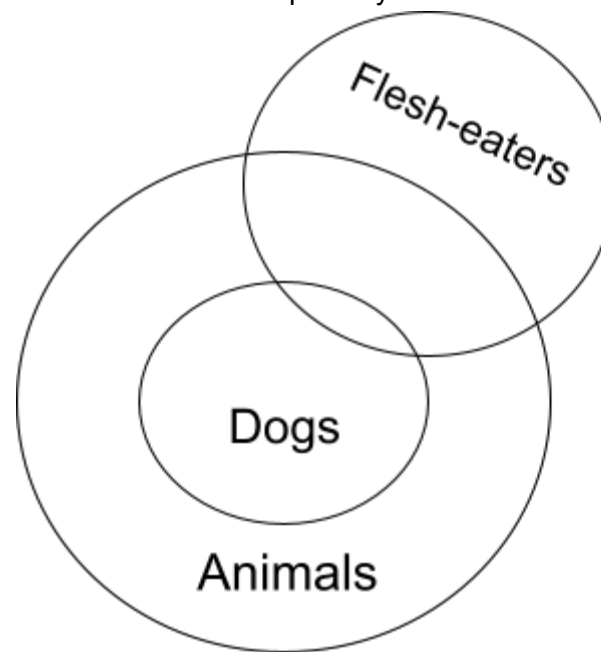
Two items are related to each other completely and third item is entirely different from first two.



Here, item 1 is lions, item 2 is carnivorous and item 3 is cows. All the lions are carnivorous but no cow is lion or carnivorous.

Type 8: Relationship between Dogs, Animals and Flesh-eaters

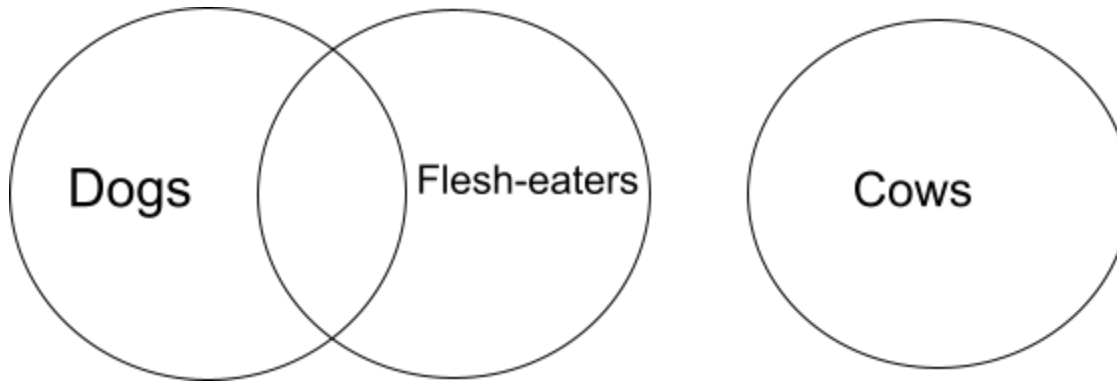
First item is completely related to second and third item is partially related to first and second item.



Here, item 1 is dogs, item 2 is animals and item 3 is flesh-eaters. Dogs are completely related to item 2, i.e., animals, but it is not necessary that flesh-eaters have to be only animals or only dogs.

Type 9: Relationship between Dogs, Flesh-eaters and Cows

First item is partially related to second but third is entirely different from the first item.



Here, item1 is dogs, item 2 is flesh-eaters and item 3 is cows. Some dogs are flesh-eaters but not all while any dog or any flesh-eater cannot be a cow.