

Problem Set Venn Part1

1. MORE CATEGORIES

For each list of categories, draw a Venn diagram that shows the relationships among the categories. One of the categories describes the universal set, and the others describe the various loops inside the universal set. The universal set is not necessarily listed first.

1. Trumpets, pianos, musical instruments, clarinets, violins, trombones, brass, woodwinds
2. Water vessels, submarines, war boats, sailboats, battleships, ferries
3. Old cows, dairy cows, cows, cows wearing bells
4. Lizards, apes, living things, chimps, reptiles, dogs, mammals, terriers, dachshunds.

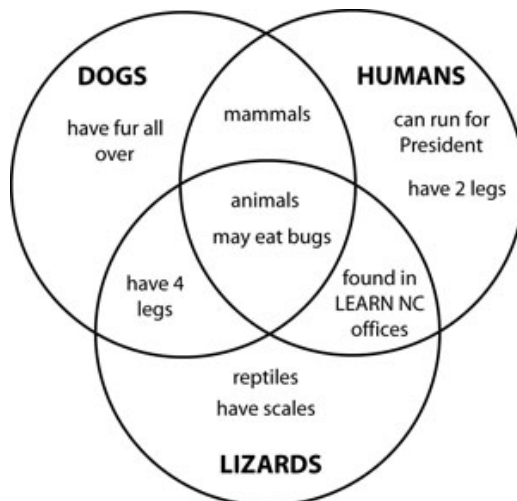
2. THREE CIRCLES

Show how many ways can three circles be drawn? They can be inside each other, intersect in some way, or not intersect at all.

3. MORE CIRCLES

In how many ways can four circles be drawn? Five circles? Six?

4. Venn Diagrams?



Taken From the website http://piercework.typepad.com/just_jen/2009/03/index.html

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