

Post 1

- Using the letters from your first and last names, create a set and label it N. Sets do not contain duplicate letters, so if any letters are repeated in your name, only list them once in set N. For example, if your name is “Megan Ryan”, in roster form $N = \{m, e, g, a, n, r, y\}$. The letters, “A” and “N” in the last name, Ryan, are not written since they are written as part of the first name, Megan. The other set, M, will consist of the letters in the word “math” or $M = \{m, a, t, h\}$.
- Using a two-circle Venn diagram, list the elements that fall into Regions I, II, and III of the Venn diagram in roster notation. A worksheet containing a two-circle Venn diagram is linked on the discussion board. Complete it and attach the Venn diagram to your post.
- Determine whether your sets are disjoint, subsets, equal sets, or overlapping sets and explain your reasoning.

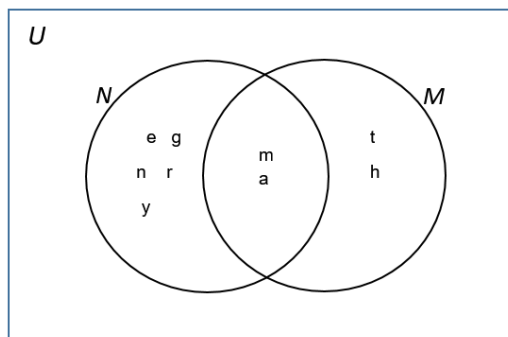
Post 1 Example

NOTE: Not all parts of the Discussion are included in this Example. Read the Discussion Question thoroughly and respond to all parts of the Question.

Name: Megan Ryan

$N = \{m, e, g, a, n, r, y\}$

$M = \{m, a, t, h\}$



Region I = $\{e, g, n, r, y\}$

Region II = $\{m, a\}$

Region III = $\{t, h\}$