

Note: For more comments on the problem, please check out our problem archives. The Web address has been listed with each problem for your convenience.

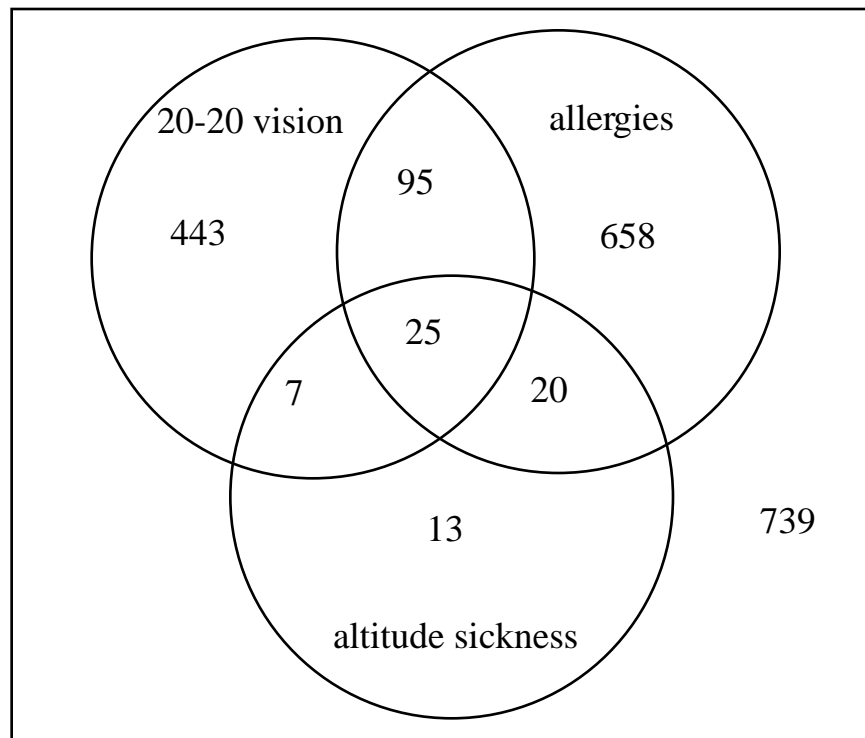
Come Fly With Me page D-2

Answer: *There were exactly 739 applicants that qualified, 658 applicants who only had allergies and 122 applicants who had exactly two disqualifiers.*

Use a Venn diagram and start with the 25 who have all three disqualifiers, (Put the 25 in the intersection of all three sets.) Then work in reverse order. For more on Venn Diagrams, check out:

How Many are in the Group—Ask Dr. Math

<http://mathforum.org/dr.math/problems/benedict.10.17.96>



Web Address: <http://mathforum.org/dmpow/solutions/solution.ehtml?puzzle=8>