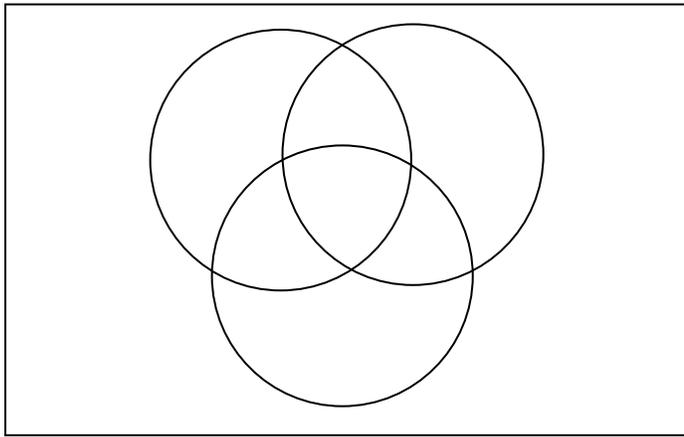


e) [1 mark] liked chocolate or vanilla, but not strawberry?

3. A study was made of 200 students to determine what TV shows they watch.

- 22 students don't watch these cartoons.
- 73 students watch only Tiny Toons.
- 136 students watch Tiny Toons.
- 14 students watch only Animaniacs and Pinky & the Brain.
- 31 students watch only Tiny Toons and Pinky & the Brain.
- 63 students watch Animaniacs.
- 135 students do not watch Pinky & the Brain

a) [5 marks] Complete the Venn diagram for this situation



b) [1 mark] Calculate the probability that a student chosen at random watched all three shows?

Challenge:

4. [1 mark] 16 people study French, 21 study Spanish and there are 30 altogether. Calculate the probability that a student chosen at random is studying both.

