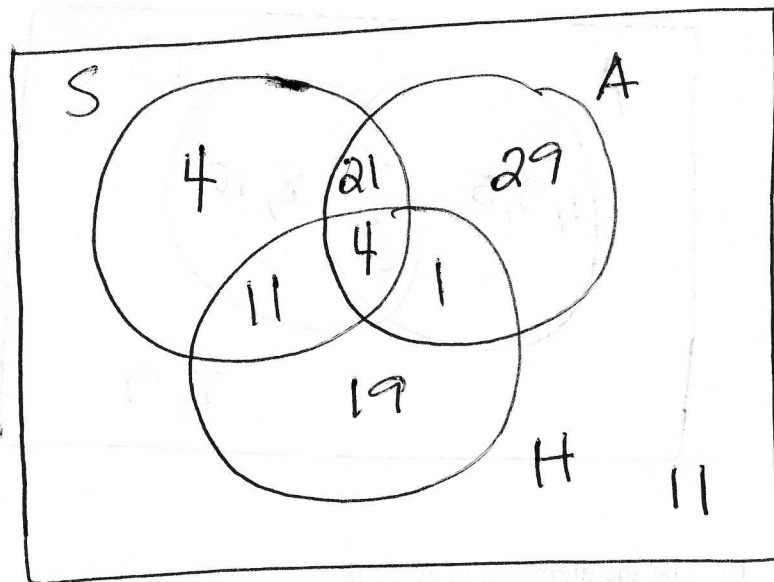


2. According to a survey of 100 people regarding their movie attendance in the last year 40 had seen a science fiction movie, 55 had seen an adventure movie and 35 had seen a horror movie. Moreover, 25 had seen a science fiction movie and an adventure movie, 5 had seen an adventure movie and a horror movie, and 15 had seen a science fiction movie and a horror movie. Only ~~4~~ 4 people had seen a movie from all three categories.

- a) Use the given information to set up a Venn diagram.



- b) How many people saw a movie from exactly one of the categories?

$$4 + 29 + 11 = \boxed{52}$$

- c) How many people went to see movies from at least 2 of the categories?

$$21 + 11 + 1 + 4 = \boxed{37}$$

- d) How many people did not go see a movie from any of the categories?

$$\boxed{11}$$