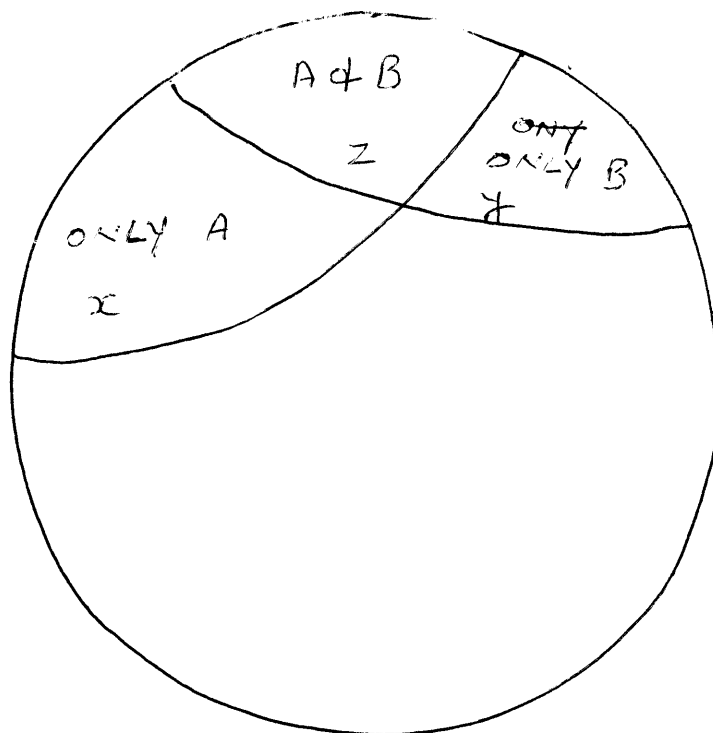




$$x + y + z = .75$$

$$x + z = .5$$

$$y + z = .4$$

① } GIVEN
② }
③ }

② + ③

minus ①

$$x + y + 2z = .9$$

$$z = .15$$

$$P(A|B) = \frac{z}{y+z} = \frac{.15}{.4} = .375$$