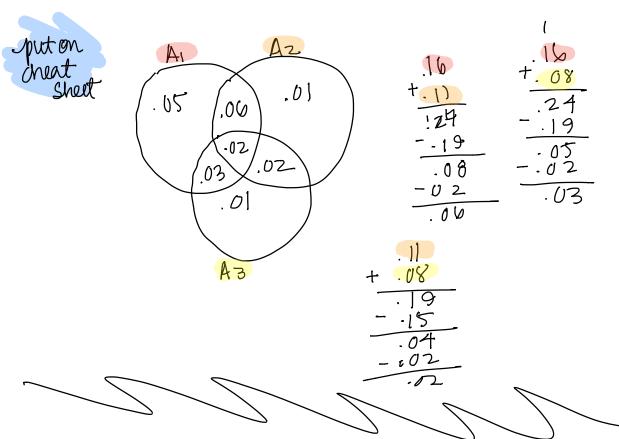
tangible pap: uniptual pap: enumerative study: analytic study at least = number + above at must = num + below Sample mean ju Sample median Sample vaniance - dach value - Men  $\frac{(2am vallu)^2 + (next vallu)...}{5ample deviation} = \sqrt{5ample} - 32$ 

4.4, 16.4, 21.0, 30.0, 33.1, 36.6 40.4, 66.7 72.6, 81.5, 110.0



8a) 
$$\binom{22}{5}$$
  $\frac{22!}{5!17!} = 26,337$ 

$$9-10$$
 8b) 5 from day,  
 $7-5$   $\frac{5}{9}$   $\frac{9!}{5!4!}$   $\frac{126}{26334} = .01478469$   
 $\frac{5}{22}$   $\frac{5!4!}{5!17!}$ 

c) 
$$\frac{5/9}{5/22}$$
  $\frac{5/7}{5/22}$   $\frac{5/6}{5/22}$   $\frac{5}{22}$   $\frac{5}{22}$   $\frac{5}{22}$   $\frac{5}{22}$   $\frac{5}{22}$   $\frac{5}{22}$   $\frac{5}{22}$ 

$$\frac{\sqrt{22}}{\sqrt{26334}} = .00380730$$

$$\frac{3/9 + 2/7}{2/3279}$$

$$\frac{\chi^{2/700}}{20334} = .06\%$$

$$\frac{5/22}{5/22} \frac{5/22}{5/22} = .00580998$$

$$\frac{21}{26334} = .00580998$$

$$\frac{21}{26334} = .00022784$$

$$\frac{3/9}{26334} + \frac{3/4}{2} = .0070$$

$$\frac{3/9}{26334}$$

$$\frac{60}{60} = \frac{10!}{6!4!} = \frac{10!}{6!4!} = \frac{210}{13459} = 0.00156022 = \frac{10-D}{6-G} = 24$$

c) 
$$\frac{6}{9} + \frac{6}{9} + \frac{6}{9} + \frac{28}{13459} + \frac{28}{17} + \frac{6}{17} = .01812913$$

d) (P(A) + P(B) + P(C) - P(ANB) - P(BNC) - P(ANC) + P(ANBNC) P(AVBUG)

6) 
$$\frac{3}{7} + \frac{3}{9} + \frac{3}{9} + \frac{3}{9} + \frac{3}{9} + \frac{3}{9} + \frac{3}{122} + \frac$$

$$\frac{1 \times 9 \times 6}{1540} = 0.2\overline{45}$$

d) 
$$1-P(1)-P(2)-P(3)-P(4)-P(5)$$

$$1-\frac{1/10}{1/22}-\frac{2/10}{2/22}-\frac{3/10}{3/122}-\frac{4/10}{4/122}-\frac{5/10}{5/122}$$

$$1-\left(\frac{10}{22}-\frac{120}{402}-\frac{500}{1540}-\frac{1820}{7315}-\frac{4308}{200334}\right)$$

$$P(A_2|A_1)$$
  $P(A_1 \cap A_2)$   $P(A_1)$   $\frac{0.07}{.22} = 0.318$ 

b) 
$$A_{1}$$
  $A_{2}$   $A_{3}$   $A_{1}$   $P(A_{1} \cap (A_{2} \cap A_{3}))$   $O.01 = .0459$   
 $P(A_{1})$   $O.01 = .0459$   
 $O.01 = .0459$ 

d) 
$$P(A, nA_2 nA_3 | A, vA_2 vA_3)$$

$$\frac{P(A, vA_2 vA_3 n (A, nA_2 nA_3))}{P(A, nA_2 nA_3)}$$

