Shor 3. 43 @ Dates 3 theutures 30 pureon by Bossopius bury externol: 100, 80, 75, 79, 89, 33, 45, 25, 65, 17, 30, 24, 57,55, 70, 75, 68, 84, 90, 150. no cur mamo cheguer aprilmonnerouse, cheigher aboghammer an unothetens, monthetighe a rouseusi they to ogsthe gucus pair gus gost tech busophis.

X = (100+80+75+77+89+33+45+25+65+17+30+24+57+65+65+84+60+ Cheque

+ 150)/20 = 65,3

cureigintes go curp cuis

curency where go curp curs
$$D(x) = \frac{\sum_{i=1}^{N} (x_i - \bar{x})^2}{4} = \frac{(100 - 6x_i 3)^2}{20} + \frac{(80 - 6x_i 3)^2}{20} + \frac{(73 - 6x_i 3)^2}{20} + \frac{(73 - 6x_i 3)^2}{20} + \frac{(89 - 6x_i 3)^2}{20} +$$

+ (180-653)2 = 60,20 WS + 10,80 WS + 4,70 WS + 6,84 WS + 28,08 WS + 52,16 WS + 20,60 WS + + 81,2048+0,0048+116,6445+62,3048+ 15,2845+3,4445+5,3045+1,1045+4,7045+

+ 0, cous + 17, 4 bus + 30, sous + 354, 70 us = 950, 4

homisthes frankins

$$D^{1}(x) = \frac{\sum_{i=1}^{2} (x_{i} - \bar{x})^{2}}{u - 1} = \frac{(100 - 68, 3)^{2}}{(19)^{2}} + \frac{(20 - 68, 3)^{2}}{(19)^{2}} + \frac{(24 - 68, 3)^{2}}{(19)^{2}} + \frac{(24$$

Cheque Mos gosmin mer om motorue 6 = D(x)

Our termony theory go employer:

$$6 = \sqrt{350}, 11 = 30, 8239$$

Cur termony that go employer:

 $6 = \sqrt{1000}, 457 = 51,63$

Cur termony that go employer:

 $6 = 30,82393$;

 $6 = 30,82393$;

 $6 = 31,63$

Cur termony that the original and the origin

3 b your beparen his polyuourum A u B nocuyuna poster noun-

 $=\frac{5100}{13800}=0.36(86)$

Quibeu: P(A) 20,3686

reembo cuyorthuob, a tea palyuomem C chygethuob nocumpuneo chierono me, aconeno no A a b bureme bepasintomo moro, 2mo emygether from the memos A ego an uplayer ce cento, poblas 0.8. Dans any. getimes posignementes is and bepassitione pobles 0.7. is gue curygetting posinguous coa 9. anggetin again in begto wanto. a) his mobis be passin trocuro mono, zino or ymmus tus projugue inche A? 8) -11-11- Hos posinguemente 6? S - your wan P(S(A) = 0.8 P(S(B) 20,7 P(SIC) = 0,9 P(A) = P(B) = 0,25 P(C) = P(A)+P(B) = 0.5 P(S) = P(A).P(SIA) + P(B).P(SIB) + P(C).P(SIC) = =0,25.0,8+0,25.0,7+0,5.0,9=0,2+0,125+0.65=0,825 moigs no populyer baisers: P(AIB) = P(BIA). P(A) => 9) Dus panguonemes A: p(A1S) = $\frac{P(S|A) \cdot P(A)}{P(S)} = \frac{0.25 \cdot 0.8}{0.825} = 0.24(20)$ 6) Dons polymonomo B: P(BIS) = P(SIB). P(B) = 0.25.0,7 = 0.2121

8) Luis panymeniones C: P(CIS) = $\frac{P(SIC) \cdot P(C)}{P(S)} = \frac{0.5 \cdot 0.9}{0.82S} = 0.54(S4)$

Omben: P(A15)=0, 2424 P(BIS) 20, 2121 P(CIS) 20, 8484

- 4 y un pois embo cocurou y upis gerusuei. Dus whois gerusur Espasintionno boris uno es curpois B neploris unas polotes O.1, que Emopoi - 0,2, gues informeri - 0,25. his notes la poes in trocura moro, 2 mo le noplari mouses busingefu in curpors
- a) be getusun
- 6) monotro gle gelingun
- B) rowns or oghis genisus
- 2) our og hou go sky gerns nei??

```
P(B) - 1-10 germeno binigen y curpos
P(b2) - 2-0 germeno bisigue y cur por
P(by) - 3-1 genneus bori gen y em pous
P(Ao)-be gomerne buigger es empas
P(An) = P(B,). P(B2). P(B3) = 0,1.0,2.0,25=0,005
P(A)- mouse of general burigge is curpors
P(A5) = P(B,). P(B2). P(-B3) +
       + P(B.). P(-B2). P(B3)+
       +p(-B,).p(B2).p(B3)=
       = 0,1.0,2. (1-0,25)+
        + 0,2. (1-0,2).0,25+
        + (+-0,1).0,2.0,25=0,05+0,02+0,04s=0,08
P(Az) - xomus ous ogho gemous busingen us empois
P(A8) = P(-B1).P(-B2).P(-B3) =
        = 1-0,9.0,8.0,75=1-0,54=0,46
P(Ar) - Buri gens us empos ou ognai go gloux gennance.
Sup(As) - " mousino so german bisc sign is curpois"
 upatosbera P(A') - a mous no agres generus bui gen us
 crupous 3
 P(A') = P(B1).P(-B2).P(-B2)+
       + P (-B,) . P (- B2) . P (B3) +
       + P (-B,). P (B2). P (-B2) =
       = 0,1.0,8:0,75+
        + 0,9.0.8.0,25+
        + 0,9-0,2.0,75 = 0,06+0,18+0,135=0,575.
=> P(A2) = P(A5) + P(A') = 0.08 + 0.375 = 0.485
 Omber: P(Ac) - bu gernsur book sym is empor = 0,005
        p (AT) - monour so gemen busing gym y curpos = 0,08
      P(AB) - 40 hus dos ogus pelusus bus peus us cue pas = 0, 46
     P(Ac) - our agreei po gbyx genuscies birigens is cui pos = 0, uss
```