Date 17-03-2022

Date 2. 50 Police	Expt. No
Expt. Name	Page No.
ASSIGN WAENT >1.	
THE TON T.	111111111111111111111111111111111111111
1	
5) Two unbiased die throaun	
	() (16)
(21) (2,2) (2,3) (2,4) (2	(26)
(31) (3,2) (3,3) (3,4) (3	3,5) (3,6)
(4,1) (4,2) (4,3) (4,4)	
(51) (5,2) (5,3) (5,4)	(S1S) (S16)
(6.1) (6.2) (6.3) (6.4)	(6,6) (6,6)
a) Both die show same no. =	6 = 1
3	6
	of A with car in
6) First die show 6 = 6 = 1	
U Potal no. of de is 8 = 36	
1) Total no. of die 22 7 8 = 10	
es Total no. of div is 13 = 0 -0	
es Total no. of and 36	~ .
Total no. of die is bet. 2 to 12=	36 -1
10 Fax 110-0	36

himalayan

Teacher's Signature:

=)(a) King = 401 ; Jock = 401 quel = 40 ; Ace = 40 Theo guent = / 4c/ > P= 4c, x4c, x4c, x4c, x4c 52c4 (b) From kings & Troo quens = 40, 4902 (c) Two block and too suds= 260, x2602 \$\$\$2C4 (a) Two hearts or two diamoros = 13c2 + 13c2 52cy 10 Total sample space = 19

Expt. Name	Expt. No
Alm To	Page No. 3
700 Two white	EB = 6C × 13c
	12
	1903
	3 61 × 131 - 8×5 × 13× 131 13
	191 194186X 17
	31161 3x2 31161 3x2
	25412 -10
	25413 = 6° 19017 323
(b) The of each co	
	19c3 94x 4c1 - 216
	''3
,	= 6.22291
	8
(c) None is sed =	B 1503 - 181 18X14X13
	19c 31 121 82
	8 15C3 - 1SI 15X14X13 19C3 3! 12! 82 9669 969
2	5x +x13 45c = 0.4695
	969 969
,	01/12 2/12/60 2 20 2
(9) At less 1 white =	P(W/1) = P(1) + P(2) + P(3)
	20/2 - 1/2
5	1- P(no white)
5	$\frac{1-13c_3}{10} = \frac{683}{969} = 0.7048$
	1903
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Against manages
$$x = 8:6 = \frac{8}{876} = \frac{8}{14} = \frac{4}{7}$$

If an foreor of $Y = 14:16 = \frac{14}{16+14} = \frac{14}{36} = \frac{7}{15}$

If (a). P(None solve the dispute) = $\frac{4}{7}(1-\frac{7}{15})$

= $\frac{4}{7}(1-\frac{7}{15})$
= $\frac{4}{7}(\frac{8}{15}) = \frac{22}{105}$

(b) P(odispute settled) = $(1-\frac{4}{7})(\frac{7}{15}) = \frac{3}{7} \times \frac{7}{15}$
= $\frac{1}{5}$

peuson \times speaks to with = $3:2 = \frac{3}{2+2} = \frac{3}{5}$

They contradict each other when (XT YE) & (XF \$7)

	Expt. No
	P(N= 04) Page No. Pg .S
9	10130461 4 000
1	X 3 1 5 2 8 9 19
-	5 8 8 5 40 80 40
1	P(X Result) = 19
9	Proceentage = 19 100 = 190 = 95 = 47.5 %
	100 = 190 = 95 = 47.5 %
	TO 2 FOR
6	
7	P(A) = 1/2
7	$P(B) = \frac{3}{4}$
-1	1
2)	P(C) = 1
	0(01) 1-1-11 . 0(0)-1-21 - 1/4
	P(A') = 1 - 1 = 1/2 ; P(B) = 1 - 3/4 = 1/4
4	P()= 1-1 - 3
,	9 4
7	when sodependent, Poobability cot if no one is
	able to $0/ul = P(A)P(B)(P(C))$ $= 1/x 3 1/4 x 3/4 = 3 3$
	12 19 19 32
9	when independent, purpobility to solve independently 1-3 = 29 32 32
	32 32
	himalayan Teacher's Signature:
	Comment of

189.6

(7) het share be 100 total citizens. Then 50= male & 50 = female

I but of 50 male, I 5% are unemployed

= 2 x100 7 2 = 5 = 2 25 = 3 male out of so temple = 20% one unemployed 7 / 9=10 + [x+y=13] -18 unemployed =150, employed = 100 - (13) = 87 3) So, Ferrale= 13c70 700 Male= 13c2 100