	STATSIE II.
2.59 (0)	STAT515 Homework#1 — Mathew Houser {-2,0,3,3,4,73 = 25,000 (80A) (91A)
	Mens: 2.5 Median: 3 Made: 30 = (8/A) 4 (1)
(b)	£1,2,2,2,3,3,3,3,4,4,5,53
*	Mean: 3.07 Median: 3 Mode: 3 11 100001 (1)
(c)	
	Mean: 49.6 Median: 49 Mode: 50
2.88 (a)	Range: 12.93m (x=9.72)
(b)	$1.22^{2} + 3.99^{2} + 1.66^{2} + 2.46^{2} + 8.11^{2} + 2.20^{2} + 2.15^{2} + 4.28^{2}$
	$+3.63^{2}+4.82^{2}+3.87^{2}+4.62^{2}+2.95^{2}=201.2018$
	$5^2 = 201.2018 \div 12 = 16.77 m^2$
(c)	$S = \sqrt{S^2} = \sqrt{16.77} = 4.09 \text{ m}$
3.15	(a) Sample Points (b) Probability (a) (a)
	Blue, Blue (2/5)(1/4)=2/20=0.10
	Blue, Red (2/5)(3/4) = 6/20 = 0.3
	Red, Blue (3/5) (2/4) = 6/20 = 0.3
	Red, Red $(3/5)(2/4) = 6/20 = 0.3$
(c)	PEBlues)= 0.1 . MOLITZOND ISTOR +SELVE
	P(2Reds) = 0.3
	P(1 Blue and 1 Red) = 0.6 son + Lod 21 noiloM
	P(cereal or Orchand) = 0.50
	PE(NoteNineyard) = 0.85 Not soush Anskruite
3.24	(a) 0.006 (b) 0.12
	(c) 0.007 (d) 0.07
	P(A)=P(Male)=39/59=0.66
	P(B) = P(Jump) = 11/59 = 0.19
CONTRACTOR OF THE PARTY OF THE	No
Miles and Company of the Company of	P(Ac)= 0.34
(e)	P(AUB) = 0.66 +0.19 -0.12 = 0.73
(F)	P(A NB) = 0.12

* <	STATSIS Hoppenart It - Ajathan House
3.76(0)	P(AOB) = 0.00225
(4)	P(AIR)= 0-22 M Similar Tasings
3,86 (0)	P(Stated Guilt) = 45/50 = 0,79 = 5 = 5 = 5
(4)	P(Angeral Nort Strated)=3/111=0.45
(c)	P(Stated Guitt) = 0.79 # PEStated J= 0/171 = 0.35
	. Not independent production of the same
3.114 (a)	4.83 (a) Rouge 12.980 (\$ 2.3 1.0) -10/
۶.	8(2) 1 521 41 5 cs 5 + 5 1 8 + 5 0 5 0 5 1 1 + 5 0 5 0 5 1 (H)
(b)	110702-51010= 400-1-50
	(10) - 10! = 45 - 45 - 50 - 50 - 50 - 50 - 50 - 50 -
(c)	6.10=60
3.138 (a)	property and the state of the s
	(0.2)(0.5) + (0.8)(0.3) (2\5)
(6)	(0,2)(0,5)+(0,8)(0,3) (0,8)
	Rod, Rod (3/5)(2/4)=6/20=08
	Budget Hotel Question 10 1800/809
	P(2KeAS):0.3
	Median is best measure of senter
, ,	3.18 (c) Please to Contract > 20 Si
	Standard deviation is best for dispersion
	21.0(0) 200.0(0) 45.6
	Foc 0 (d) Foc 0 (d)
	355 (a) P(H)-P(H,c10) = 33/59 = 0 66
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	(b) P(3) = P(Jun 3) = 1/50 = 0.19
	0/1 (2)
-	45.0 = (0A) 9 (b)
	(c) P(AUB) = Chec +0.12 = 0.73 (0)
	(E) P(A A B) = 0.12
, , , , , , , , , , , , , , , , , , ,	,/A

