



-	Student Name:
1	ii) Sum is 4 or less
+	x+y \(4 \) and \(x \neq y \). the valid pairs
+	x+y = 4 and x ≠ y. the valid pairs
+	
+	-(1,2),(1,3),(2,1),(2,2),(3,1)
+	court only pairs with $x \neq c$ $(1,2), (1,3), (2,1), (3,1)$
+	(1,3), (1,3), (2,1), (3,1)
1	There are 4 outcomes
+	probability.
1	P(sum is 4 or less)
1	= 4 = 2
1	
1	iii) Sum is even;
1	me need pairs (x,y) where x + y/ is
	even. this happens of both x and y
	are odd or both are every with
	x x y , whe valid pais are
	ley odd:
1	(193) 2 (3) 1 (S) 2 (S) 1 (S) D 6 pairs
1	tor every
1	(dg 9) g (9gd) g (b, c), (2,6) g (4,6) g (6,9)
+	Total outcomes = 6+6 = 12
+	Total outcomes = 6+6 = 12 probability: P(Sum is every) = 12 = 2 30 5
+	probability: P(sum is every) = 12 = 2
+	30 9
+	
+	
-	
1	
-	