

HOMEWORK SS: EXPECTED VALUE

TEST II 2

1.	X	$P(X=x)$	$x \cdot P(X=x)$
	0	0.3	0
	1	0.2	0.2
	2	0.1	0.2
	3	0.4	1.2

2.	1	2	3	4	5	6
1	11	12	13	14	15	16
2	21	22	23	24	25	26
3	31	32	33	34	35	36
4	41	42	43	44	45	46
5	51	52	53	54	55	56
6	61	62	63	64	65	66

a) rolling a 6 prop = $\frac{1}{6}$ = \$12

rolling a 4 or 5 = \$4

rolling 1, 2 or 3 pay = \$10

Ans = ~~1, 2 or 3, 4 or 5, 6~~

Ans 6 or 4, or 5

\$12 or \$4