	P(at least one wears of lasses) = - P(none wearglasses) = - (.3)(.3)(.3) = (973)
	- (.5)(.5)(.5)
20	P(takes more than 3 tosses) = P(15 three tosses do not howe a"4") $= (\frac{5}{6})(\frac{5}{6})(\frac{5}{6}) = (.579)$
	(6)(6)(6)
3)	Plat least 2 hits) = P(2 hits or 3 hits) = P(2 hits) + P(3 hits)
	=P(HHHOVHHHOVHHH) + P(HHH)
	= [(9)(.9)(.1) + (.9)(.1)(.9)(.9) + (.1)(.9)(.9)] + [(.9)(.9)(.9)]
	= , $243 + .729 = 6972$
4.	P(z,6 or 6,2 or 3,5 or 5,3 or 4,4) = (5) = .138
6.)	Let B. = fair win selected Bz = 2 headed coin selected a) A = The chosen coin women up Heads when flipped once P(B/A) = P(B/DP(A/B))
	P(B, A) = P(B,)P(A B,) +P(B2)P(A B2)
	$= \frac{\frac{1}{2} \cdot \frac{1}{2}}{\frac{1}{2} \cdot \frac{1}{2} + \frac{1}{2} \cdot 1} = \frac{1}{3}$
	b) now let A = The chosen coin comes up Heads when twice
	P(B, IA) = P(B))P(A B)
	P(B, A) = P(B,)P(A B,)+P(B2)P(A B2)
1	= 2 4 = 5
-6	the state of the s
(5)	$\binom{7}{2}\binom{4}{2}\binom{1}{1}$ $\binom{9.6}{21}$ 9.6
	(12) = 12.11.10.9.8 (792
	5.4.3.2.1

