

	Page No.:
	Date:
73)	A => A ku predicts given house is winning houses
[12	NABED is not
4.79	B => event that given horse wing
head	a): given a horse, prob it wins
	$P(B) = P(B A) + P(B A) \cdot P(A)$ $= P(B A) \cdot P(A) + P(B AA) \cdot P(A)$ $= (0.99) \times 10^{-5} + (1-0.99) (1-10^{-5})$ $= (0.99) \times 10^{-5}$
dutive	$\frac{1}{2} = \frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} - \frac{1}{2} - \frac{1}{2} \right) \left(\frac{1}{2} - \frac{1}{2} - \frac{1}{2} \right)$
	P(B) = 1.99 × 10-5
	list black beauty is withing.
	6 Prob that Aku preasers out of soldinar mutaror is
	$P(A B) = P(A B) \times = P(A B) \cdot P(B) \times = 0.99 \times 10^{-5}$ $P(B) \times = 0.99 \times 10^{-5}$
	p(a a) = 0.499
	$\frac{V(x)}{(x)} = \frac{U(x)}{U(x)} = \frac{U(x)}{U(x)}$