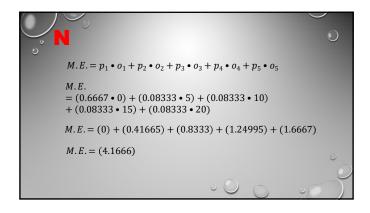
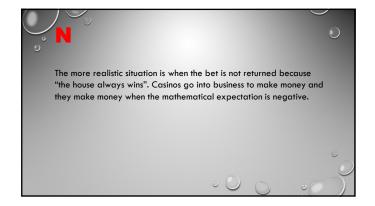


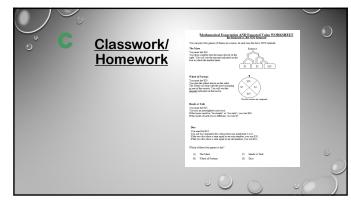
, N		Bet NOT Returned		
05 155 05 05 05 05 05 05 05 05 05 05 05 05 0	outcome	True Value	Probability	
		(outcome – bet)		
	\$0	\$0 - \$5 = \$ - 5	$\frac{8}{12} = 0.6667$	
	\$5	\$5 - \$5 = \$0	$\frac{1}{12} = 0.08333$	
	\$10	\$10 - \$5 = \$5	$\frac{1}{12} = 0.08333$	
	\$15	\$15 - \$5 = \$10	$\frac{1}{12} = 0.08333$	
	\$20	\$20 - \$5 = \$15	$\frac{1}{12} = 0.08333$	

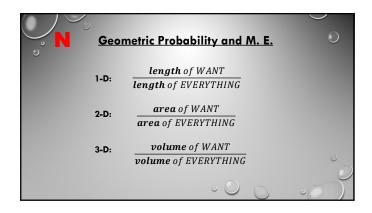
\bigcup_{\circ}	N	0
	$M.E. = p_1 \bullet o_1 + p_2 \bullet o_2 + p_3 \bullet o_3 + p_4 \bullet o_4 + p_5 \bullet o_5$	
	M.E. = (0.6667 • −5) + (0.08333 • 0) + (0.08333 • 5) + (0.08333 • 10) + (0.08333 • 15)	
	M.E. = $(-3.3335) + (0) + (0.41665) + (0.8333) + (1.24995)$	
	M.E. = (-0.8336)	0

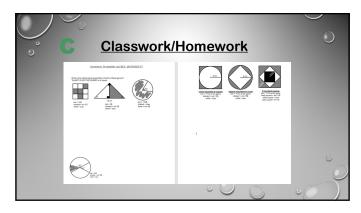
✓ <mark>N</mark>		Bet Returned	
05 155 05 05 05 05 05 05 05	outcome	True Value (outcome)	Probability
	\$0	\$0	$\frac{8}{12} = 0.6667$
	\$5	\$5	$\frac{1}{12} = 0.08333$
	\$10	\$10	$\frac{1}{12} = 0.08333$
	\$15	\$15	$\frac{1}{12} = 0.08333$
	\$20	\$20	$\frac{1}{12} = 0.08333$

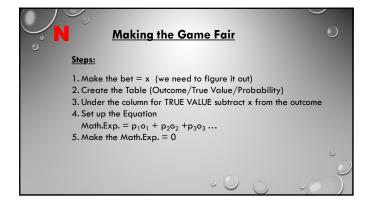


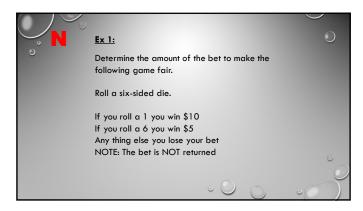












	OUTCOME		TRUE VALUE	PROBABILTY	0		
S N	1	\$10	10 - x	1/6 = 0.17			
9	6	\$5	5 – x	1/6 = 0.17			
		LOSE BET \$0	0-x	4/6 = 0.67			
M.E. = $(\frac{1}{6})(10-x) + (\frac{1}{6})(5-x) + (\frac{4}{6})(-x)$ M.E. = $(\frac{10-x}{6})+(\frac{5-x}{6})+(\frac{-4x}{6})$ $0 = (\frac{10-x+5-x-}{6})$ $0 = (\frac{15-6x}{6})$ 0 = 2.5-x x = 2.5 The bet would have to be \$2.50 for this game to be fair							

