Unit15.4a Online	acti	ivity							
Name:				Class:					
15.4 Experimenta	I (EI	P)an	d th	eor	etica	l pro	babilities (TP)		
Pls refer to Cours	ebo	ok p	age	154	l for	this	online activity		
1. One way to find pr Another way is to									
2. To find the probabuse germinate.					_				
5 2 5 1 2 6 2 5 3 1	3 3 5	5 1 1 1	1 1 3	3 3					
Score	1	2	3	4	5	6			
Frequency	6	3	6	0	4	1			
Relative frequency	0.3	0.15	0.3	0	0.2	0.05			
Above are the result the results in a frequ				of a	dice s	simula	ated on a computer and		
The relative frequen	cies	(RF) g	ive a	n			for each number.		
RF or TP =		÷							
The fo is 1/6 =		h nur	nber	, bas	sed or	n equa	ally likely outcomes,		
The experimental an because 20 is a						es are	This is		



This table shows the results after 20, 50, 100 and 200 throws.

Score	20 thro	ws	50 throws		100 throws		200 throws	
	Frequency	RF	Frequency	RF	Frequency	RF	Frequency	RF
1	6	0.3	11	0.22	19	0.19	36	0.18
2	3	0.15	11	0.22	19	0.19	36	0.18
3	6	0.3	8	0.16	19	0.19	35	0.175
4	0	0	5	0.1	15	0.15	31	0.155
5	4	0.2	7	0.14	13	0.13	29	0.145
6	1	0.05	8	0.16	15	0.15	33	0.16
Total	20	1	50	1	100	1	200	1

As the number of throw	S	_, the experimental probabilities
to the the	oretical proba	bilities. These results show two
important FACTS.		
1. If you repeat an ex	kperiment you	get
you generally get	better	of times an experiment is repeated of probabilities. 200 throws
give	results than 2	0 throws.
This means we can have experiment is repeated	60	in the estimates if the

