

- 5. Take out one full sheet of paper. This one sheet of paper has a thickness of 1.
 - a) Fold it in half and record the thickness of the folded paper.
 - b) Fold it in half again and record the thickness of the folded paper.
 - c) Continue to fold and record data.

	n = # of folds	1	2	3	4	
	t = thickness of folded paper	ん	4	8	16	
d) Find a formula for t in terms of n. $t = 2^n$ e) How thick would the folded paper be if you could do 9 folds? $t = 2^n = 512$						
n=9						