Names:	Names:		
Math 1110	Base 3 Worksheet	Fall 2012	
 Calculate the following r (a) 3⁰ = (b) 3¹ = (c) 3² = (d) 3³ = 	umbers:		
(e) $3^4 =$ 2. Since we are working in	a base 3 system, we want to use 3 different symbol, and	ols to represent numbers.	
3. In the base three system	what are the first 10_{TEN} numbers?		
	wing numbers into a base three number:		
(a) 81_{TEN}			
(b) 1010_{TWO}			
(c) 65_{TEN}			
(d) 111_{TWO}			
(e) 23_{TEN}			

ļ	5. What do you think is the importance of learning numbers in other bases? You can answer this question in terms of how you think it helps you better understand our number system.			