Examining Powers and Bases Name:												
	Which equation has both 8 and -8 as a possible value of x? A. $x^2 = 64$ B. $x^3 = 64$ C. $x^3 = 16$ D. $x^3 = 512$	2)	Which equation has only 7 as a possible value of x? A. $x^2 = 21$ B. $x^3_2 = 21$	Answers 1.								
			C. $x^3 = 343$ D. $x^2 = 49$	2 3 4.								
3)	Which equation has only 9 as a possible value of x? A. $x^2 = 27$ B. $x^3 = 729$ C. $x^2 = 81$	4)	Which equation has both 4 and -4 as a possible value of x? A. $x^2 = 8$ B. $x^2 = 16$ C. $x^3 = 8$	5.								
5)	D. $x^3 = 27$ Which equation has both 9 and -9 as a	6)	 D. x² = 64 6) Which equation has both 7 and -7 as a 	7.								
-,	possible value of x? A. $x^2 = 729$ B. $x^2 = 81$ C. $x^3 = 18$ D. $x^2 = 18$.,	possible value of x? A. $x^3 = 14$ B. $x^2 = 343$ C. $x^2 = 49$ D. $x^3 = 343$	9 10								
7)	Which equation has only 5 as a possible value of x? A. $x^2 = 25$ B. $x^3 = 125$ C. $x^2 = 125$ D. $x^3 = 15$	8)	Which equation has both 6 and -6 as a possible value of x? A. $x^3 = 216$ B. $x^2 = 36$ C. $x^3 = 36$ D. $x^2 = 12$									
9)	Which equation has both 5 and -5 as a possible value of x? A. $x^3 = 25$ B. $x^2 = 25$ C. $x^3 = 10$ D. $x^2 = 125$	10)	Which equation has both 10 and -10 as a possible value of x? A. $x^2 = 100$ B. $x^3 = 20$ C. $x^3 = 1000$ D. $x^2 = 20$									

	Ex	amining Powers	s an	d Bases	Name:	Answe	er K	ey		
Solve each problem. Answers										
1) W po A B C	Which equation has both ossible value of x? $x^{2} = 64$ $x^{3} = 64$ $x^{3} = 16$ $x^{3} = 512$	8 and -8 as a		Which equation has only value of x? A. $x^2 = 21$ B. $x^3 = 21$ C. $x^3 = 343$ D. $x^2 = 49$	7 as a pos		1 2 3	A C B		
va A B C	Which equation has only alue of x? $x^2 = 27$ $x^3 = 729$ $x^2 = 81$ $x^3 = 27$	9 as a possible		Which equation has both possible value of x? A. $x^2 = 8$ B. $x^2 = 16$ C. $x^3 = 8$ D. $x^2 = 64$	4 and -4 a	is a	4 5 6 7	B B C B		
po A B C	Which equation has both ossible value of x? $x^2 = 729$ $x^2 = 81$ $x^3 = 18$ $x^2 = 18$	9 and -9 as a		Which equation has both possible value of x? A. $x^3 = 14$ B. $x^2 = 343$ C. $x^2 = 49$ D. $x^3 = 343$	7 and -7 a	is a	8 9 10	B B A		
va A B C	Which equation has only alue of x? $x^2 = 25$ $x^3 = 125$ $x^2 = 125$ $x^3 = 15$	5 as a possible		Which equation has both possible value of x? A. $x^3 = 216$ B. $x^2 = 36$ C. $x^3 = 36$ D. $x^2 = 12$	6 and -6 a	is a				
po A B C	Which equation has both ossible value of x? $x^3 = 25$ $x^2 = 25$ $x^3 = 10$ $x^2 = 125$	5 and -5 as a 1		Which equation has both possible value of x? A. $x^2 = 100$ B. $x^3 = 20$ C. $x^3 = 1000$ D. $x^2 = 20$	10 and -1	0 as a				