Examining Powers and Bases Name:								
Solve each problem. Answe								
poss A. x B. x C. x	ch equation has both 5 and -5 as a sible value of x? $x^{2} = 125$ $x^{3} = 125$ $x^{2} = 25$ $x^{3} = 10$	2)	Which equation has both 6 and -6 as a possible value of x? A. $x^3 = 36$ B. $x^2 = 36$ C. $x^2 = 216$ D. $x^3 = 216$	1.				
valu A. x B. x C. x	ch equation has only 8 as a possible te of x? $a^3 = 24$ $a^3 = 64$ $a^3 = 512$ $a^2 = 512$	4)	Which equation has only 4 as a possible value of x? A. $x^2 = 64$ B. $x^3 = 64$ C. $x^2 = 12$ D. $x^3 = 16$	4. 5. 6. 7. 8.				
poss A. x B. x C. x	ch equation has both 4 and -4 as a sible value of x? $x^2 = 8$ $x^3 = 16$ $x^2 = 64$	6)	Which equation has only 5 as a possible value of x? A. $x^3 = 15$ B. $x^2 = 25$ C. $x^3 = 125$ D. $x^3 = 25$	8 9 10				
valu A. x B. x C. x	ch equation has only 7 as a possible te of x? $x^{2} = 49$ $x^{2} = 343$ $x^{3} = 49$ $x^{3} = 343$	8)	Which equation has both 7 and -7 as a possible value of x? A. $x^3 = 343$ B. $x^3 = 49$ C. $x^3 = 14$ D. $x^2 = 49$					
poss A. x B. x C. x	ch equation has both 10 and -10 as a sible value of x? $x^3 = 20$ $x^2 = 100$ $x^2 = 20$ $x^3 = 1000$	10)	Which equation has only 9 as a possible value of x? A. $x^2 = 27$ B. $x^3 = 729$ C. $x^2 = 729$ D. $x^3 = 27$					

lv		Answer			
)	Which equation has both 5 and -5 as a possible value of x?	2)	Which equation has both 6 and -6 as a possible value of x?	1.	С
	A. $x^2 = 125$		A. $x^3 = 36$		D
	B. $x^3 = 125$		B. $x^2 = 36$	2.	B
	C. $x^2 = 25$ D. $x^3 = 10$		C. $x^2 = 216$ D. $x^3 = 216$		С
	D. x = 10		D. x = 210	3.	C
				4.	В
	Which equation has only 8 as a possible	4)	Which equation has only 4 as a possible		С
	value of x?		value of x?	5.	C
	A. $x^3 = 24$ B. $x^3 = 64$		A. $x^2 = 64$ B. $x^3 = 64$	6.	С
	$C. x^3 = 512$		C. $x^2 = 12$		
	D. $x^2 = 512$		D. $x^3 = 16$	7.	D
				8.	D
	Which equation has both 4 and -4 as a	6)	Which equation has only 5 as a possible	-	-
	possible value of x?		value of x?	9.	B
	A. $x^2 = 8$		A. $x_{2}^{3} = 15$		В
	B. $x^3 = 16$		B. $x^2 = 25$	10.	D
	C. $x^2 = 16$ D. $x^2 = 64$		C. $x^3 = 125$ D. $x^3 = 25$		
			D. K = 25		
7)	Which equation has only 7 as a possible	8)	Which equation has both 7 and -7 as a		
	value of x?		possible value of x?		
	A. $x^2 = 49$		A. $x^3 = 343$		
	B. $x^2 = 343$ C. $x^3 = 49$		B. $x^3 = 49$ C. $x^3 = 14$		
	C. x = 49 D. $x^3 = 343$		C. $x = 14$ D. $x^2 = 49$		
	2.1 0.10				
	Which equation has both 10 and -10 as a	10)	Which equation has only 9 as a possible		
	possible value of x?		value of x?		
	A. $x^3 = 20$ B. $x^2 = 100$		A. $x^2 = 27$ B. $x^3 = 729$		
	B. $x^{2} = 100$ C. $x^{2} = 20$		B. $x^{2} = 729$ C. $x^{2} = 729$		
	C. x = 20 D. $x^3 = 1000$		D. $x^3 = 27$		