	Examining Pov	wers	and Bases Name:			
Solve each problem. <u>Answer</u>						
value A. x^3 B. x^3 C. x^2	h equation has only 10 as a possible of x? = 100 = 30 = 1000 = 1000	2)	Which equation has only 6 as a possible value of x? A. $x^3 = 18$ B. $x^2 = 216$ C. $x^2 = 18$ D. $x^3 = 216$	1.		
possi A. x^3 B. x^2	= 512 = 512	4)	Which equation has both 10 and -10 as a possible value of x? A. $x^3 = 20$ B. $x^2 = 100$ C. $x^2 = 20$ D. $x^3 = 100$	4.		
possii A. x^2 B. x^3 C. x^2	= 343	6)	Which equation has both 5 and -5 as a possible value of x? A. $x^3 = 25$ B. $x^2 = 25$ C. $x^2 = 10$ D. $x^3 = 10$	9 10		
value A. x^2 B. x^3	= 512	8)	Which equation has both 4 and -4 as a possible value of x? A. $x^3 = 16$ B. $x^2 = 16$ C. $x^2 = 8$ D. $x^3 = 64$			
value A. x^3 B. x^3 C. x^2		10)	Which equation has only 4 as a possible value of x? A. $x^2 = 12$ B. $x^3 = 12$ C. $x^3 = 16$ D. $x^3 = 64$			

4

Examining Powers and BasesName:Answer KeySolve each problem.Answ							
Which equation has only 10 as a possible value of x?		hich equation has only 6 as a possible ue of x?	e 1.	D			
A. $x^3 = 100$ B. $x^3 = 30$	B. 2	$x^{3} = 18$ $x^{2} = 216$	2.	D			
C. $x^2 = 1000$ D. $x^3 = 1000$		$x^2 = 18$ $x^3 = 216$	3.	D			
			4.	В			
Which equation has both 8 and -8 as a possible value of x? A. $x^3 = 64$	pos	Which equation has both 10 and -10 as a possible value of x? A. $x^3 = 20$	a 5.	Α			
A. $x = 64$ B. $x^2 = 512$ C. $x^3 = 512$	B. 2	x = 20 $x^{2} = 100$ $x^{2} = 20$	6.	B			
D. $x^2 = 64$	D. :	$x^3 = 100$	7.	С			
			8.	В			
Which equation has both 7 and -7 as a ossible value of x? $\frac{2}{3}$	pos	tich equation has both 5 and -5 as a sible value of x?	9.	D			
A. $x^{2} = 49$ B. $x^{3} = 343$ C. $x^{2} = 14$ D. $x^{2} = 343$	B. 2 C. 2	$x^{3} = 25$ $x^{2} = 25$ $x^{2} = 10$ $x^{3} = 10$	10.	D			
Which equation has only 8 as a possible		ich equation has both 4 and -4 as a					
value of x? A. $x^{2} = 512$	A. 2	sible value of x? $x^{3} = 16$					
B. $x^3 = 24$ C. $x^3 = 512$	C. 2	$x^2 = 16$ $x^2 = 8$					
D. $x^3 = 64$	D. 2	$x^3 = 64$					
Which equation has only 7 as a possible value of x?		hich equation has only 4 as a possible ue of x?	e				
A. $x^3 = 21$	A. 2	$x^2 = 12$					
B. $x^3 = 49$ C. $x^2 = 343$		$x^{3} = 12$ $x^{3} = 16$					
D. $x^3 = 343$		$x^3 = 64$					

4