	Examining Po	Were	and Bases Name:	
Sol	Answers			
1)	Which equation has both 6 and -6 as a possible value of x? A. $x^2 = 12$ B. $x^2 = 36$ C. $x^3 = 12$ D. $x^3 = 36$	2)	Which equation has both 7 and -7 as a possible value of x? A. $x^3 = 343$ B. $x^2 = 49$ C. $x^2 = 343$ D. $x^3 = 14$	1.
3)	Which equation has only 7 as a possible value of x? A. $x^3 = 343$ B. $x^2 = 49$ C. $x^3 = 21$ D. $x^2 = 21$	4)	Which equation has both 10 and -10 as a possible value of x? A. $x^3 = 1000$ B. $x^2 = 100$ C. $x^3 = 20$ D. $x^2 = 1000$	4 5 6 7 8.
5)	Which equation has both 5 and -5 as a possible value of x? A. $x^3 = 10$ B. $x^3 = 25$ C. $x^2 = 10$ D. $x^2 = 25$	6)	Which equation has only 9 as a possible value of x? A. $x^3 = 27$ B. $x^2 = 81$ C. $x^3 = 729$ D. $x^2 = 729$	8 9 10
7)	Which equation has both 8 and -8 as a possible value of x? A. $x^2 = 512$ B. $x^3 = 512$ C. $x^2 = 64$ D. $x^3 = 16$	8)	Which equation has only 5 as a possible value of x? A. $x^2 = 125$ B. $x^3 = 15$ C. $x^3 = 25$ D. $x^3 = 125$	
9)	Which equation has only 6 as a possible value of x? A. $x^3 = 18$ B. $x^3 = 36$ C. $x^3 = 216$ D. $x^2 = 216$	10)	Which equation has only 8 as a possible value of x? A. $x^2 = 64$ B. $x^2 = 24$ C. $x^3 = 64$ D. $x^3 = 512$	

Examining Powers and Bases Name: Answer Solve each problem.					
)	Which equation has both 6 and -6 as a possible value of x?	2)	Which equation has both 7 and -7 as a possible value of x?	1. <b>B</b>	
	A. $x^2 = 12$		A. $x^3 = 343$		
	<b>B</b> . $x^2 = 36$		B. $x^2 = 49$	2. <b>B</b>	
	C. $x^3 = 12$		C. $x^2 = 343$		
	D. $x^3 = 36$		D. $x^3 = 14$	3. <b>A</b>	
				4. <b>B</b>	
)	Which equation has only 7 as a possible	4)	Which equation has both 10 and -10 as a		
	value of x?		possible value of x?	5. <b>D</b>	
	A. $x^3 = 343$		A. $x^3 = 1000$		
	B. $x^2 = 49$		B. $x^2 = 100$	6.	
	C. $x^3 = 21$ D. $x^2 = 21$		C. $x^3 = 20$ D. $x^2 = 1000$	7. <b>C</b>	
				8. <b>D</b>	
)	Which equation has both 5 and -5 as a	6)	Which equation has only 9 as a possible	o	
	possible value of x?	ŕ	value of x?	9. <u>C</u>	
	A. $x^3 = 10$		A. $x^3 = 27$		
	B. $x^3 = 25$		B. $x^2 = 81$	10. <b>D</b>	
	C. $x^2 = 10$		C. $x^3 = 729$		
	D. $x^2 = 25$		D. $x^2 = 729$		
)	Which equation has both 8 and -8 as a possible value of x?	8)	Which equation has only 5 as a possible value of x?		
	A. $x^2 = 512$		A. $x^2 = 125$		
	A. x = 512 B. $x^3 = 512$		A. $x = 125$ B. $x^3 = 15$		
	$C. x^2 = 64$		C. $x^3 = 25$		
	$D. x^3 = 16$		D. $x^3 = 125$		
)	Which equation has only 6 as a possible	10)	Which equation has only 8 as a possible		
	value of x?		value of x?		
	A. $x^3 = 18$		A. $x^2 = 64$		
	B. $x^3 = 36$		B. $x^2 = 24$		
	C. $x^3 = 216$		C. $x^3 = 64$	11	