Examining Por	wers and Bases Name:	
Solve each problem.		Answers
 Which equation has both 10 and -10 as a possible value of x? A. x³ = 100 B. x² = 100 C. x² = 20 D. x³ = 1000 	 Which equation has both 5 and -5 as a possible value of x? A. x³ = 25 B. x² = 25 C. x² = 125 D. x³ = 10 	1. 2. 3. 4.
 3) Which equation has only 6 as a possible value of x? A. x³ = 18 B. x² = 216 C. x³ = 216 D. x³ = 36 	 Which equation has only 4 as a possible value of x? A. x³ = 12 B. x³ = 16 C. x² = 64 D. x³ = 64 	7.
 5) Which equation has both 7 and -7 as a possible value of x? A. x² = 14 B. x³ = 49 C. x² = 49 D. x³ = 14 	 6) Which equation has only 9 as a possible value of x? A. x³ = 27 B. x³ = 729 C. x² = 81 D. x² = 27 	9 10
 7) Which equation has both 8 and -8 as a possible value of x? A. x² = 64 B. x³ = 16 C. x³ = 64 D. x³ = 512 	8) Which equation has both 9 and -9 as a possible value of x? A. $x^2 = 81$ B. $x^3 = 81$ C. $x^2 = 18$ D. $x^3 = 729$	
 9) Which equation has only 5 as a possible value of x? A. x² = 125 B. x³ = 15 C. x³ = 125 D. x² = 15 	 10) Which equation has only 10 as a possible value of x? A. x³ = 30 B. x³ = 1000 C. x³ = 100 D. x² = 1000 	

bly	Examining Pov ve each problem.		and Bases Name: A		er Key Answers
)	Which equation has both 10 and -10 as a possible value of x?	2)	Which equation has both 5 and -5 as a possible value of x?	1.	B
	A. $x^3 = 100$ B. $x^2 = 100$		A. $x^3 = 25$ B. $x^2 = 25$	2.	В
	C. $x^2 = 20$ D. $x^3 = 1000$		C. $x^2 = 125$ D. $x^3 = 10$	3.	С
					D
I	Which equation has only 6 as a possible	4)	Which equation has only 4 as a possible	4.	
	value of x? A. $x^3 = 18$		value of x? A. $x^3 = 12$	5.	 D
	B. $x^2 = 216$ C. $x^3 = 216$		B. $x^3 = 16$ C. $x^2 = 64$	6.	<u> </u>
	D. $x^3 = 36$		D. $x^3 = 64$	7.	Α
	Which constinue has both 7 and 7 as a	6)	Which constinue has only 0 as a massible	8.	Α
)	Which equation has both 7 and -7 as a possible value of x?	6)	Which equation has only 9 as a possible value of x?	9.	С
	A. $x^2 = 14$ B. $x^3 = 49$ C. $x^2 = 49$		A. $x^3 = 27$ B. $x^3 = 729$ C. $x^2 = 81$	10.	В
	D. $x^3 = 14$		D. $x^2 = 27$		
)	Which equation has both 8 and -8 as a possible value of x?	8)	Which equation has both 9 and -9 as a possible value of x?		
	A. $x^2 = 64$ B. $x^3 = 16$		A. $x^2 = 81$ B. $x^3 = 81$		
	C. $x^3 = 64$		C. $x^2 = 18$		
	D. $x^3 = 512$		D. $x^3 = 729$		
)	Which equation has only 5 as a possible value of x?	10)	Which equation has only 10 as a possible value of x?		
	A. $x^2 = 125$		A. $x^3 = 30$		
	B. $x^3 = 15$ C. $x^3 = 125$		B. $x^3 = 1000$ C. $x^3 = 100$		
	D. $x^2 = 15$		D. $x^2 = 1000$		