Examining	Powers and Bases	Name:
Solve each problem.		Answers
 Which equation has only 6 as a possilivalue of x? A. x³ = 216 B. x² = 18 C. x³ = 36 D. x² = 216 	ble 2) Which equation has only value of x? A. $x^2 = 81$ B. $x^2 = 729$ C. $x^3 = 729$ D. $x^3 = 27$	 9 as a possible 1 2 3 4
 3) Which equation has only 5 as a possil value of x? A. x³ = 125 B. x³ = 15 C. x² = 125 D. x² = 25 	ble 4) Which equation has both possible value of x? A. $x^3 = 16$ B. $x^2 = 8$ C. $x^2 = 16$ D. $x^3 = 8$	n 4 and -4 as a 5. 6. 7. 8.
 5) Which equation has both 6 and -6 as a possible value of x? A. x³ = 36 B. x³ = 12 C. x² = 36 D. x³ = 216 	6) Which equation has both possible value of x? A. $x^3 = 14$ B. $x^3 = 343$ C. $x^2 = 343$ D. $x^2 = 49$	
 7) Which equation has both 10 and -10 a possible value of x? A. x³ = 100 B. x² = 100 C. x² = 1000 D. x² = 20 	8) Which equation has only value of x? A. $x^3 = 100$ B. $x^2 = 30$ C. $x^3 = 1000$ D. $x^2 = 1000$	7 10 as a possible
 9) Which equation has only 7 as a possilivalue of x? A. x³ = 21 B. x² = 21 C. x³ = 343 D. x² = 49 	ble 10) Which equation has only value of x? A. $x^2 = 64$ B. $x^3 = 64$ C. $x^2 = 12$ D. $x^3 = 12$	7 4 as a possible

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Math

olv	Examining Pov	wers	and Bases Name: A	115 W	er Key Answers
1)	Which equation has only 6 as a possible value of x? A. $x^3 = 216$ B. $x^2 = 18$ C. $x^3 = 36$ D. $x^2 = 216$	2)	Which equation has only 9 as a possible value of x? A. $x^2 = 81$ B. $x^2 = 729$ C. $x^3 = 729$ D. $x^3 = 27$	1. 2. 3.	A C A
	Which equation has only 5 as a possible value of x? A. $x^3 = 125$ B. $x^3 = 15$ C. $x^2 = 125$ D. $x^2 = 25$	4)	Which equation has both 4 and -4 as a possible value of x? A. $x^3 = 16$ B. $x^2 = 8$ C. $x^2 = 16$ D. $x^3 = 8$	4. 5. 6. 7.	C C D B
	Which equation has both 6 and -6 as a possible value of x? A. $x^3 = 36$ B. $x^3 = 12$ C. $x^2 = 36$ D. $x^3 = 216$	6)	Which equation has both 7 and -7 as a possible value of x? A. $x^3 = 14$ B. $x^3 = 343$ C. $x^2 = 343$ D. $x^2 = 49$	8. 9. 10.	C C B
	Which equation has both 10 and -10 as a possible value of x? A. $x^3 = 100$ B. $x^2 = 100$ C. $x^2 = 1000$ D. $x^2 = 20$	8)	Which equation has only 10 as a possible value of x? A. $x^3 = 100$ B. $x^2 = 30$ C. $x^3 = 1000$ D. $x^2 = 1000$		
	Which equation has only 7 as a possible value of x? A. $x^3 = 21$ B. $x^2 = 21$ C. $x^3 = 343$ D. $x^2 = 49$	10)	Which equation has only 4 as a possible value of x? A. $x^2 = 64$ B. $x^3 = 64$ C. $x^2 = 12$ D. $x^3 = 12$		

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