	Examining Pov	vers	and Bases Name:	
Sol	ve each problem.			Answers
1)	Which equation has only 10 as a possible value of x? A. $x^3 = 100$ B. $x^3 = 30$ C. $x^2 = 1000$ D. $x^3 = 1000$	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.
3)	Which equation has both 8 and -8 as a possible value of x? A. $x^3 = 64$ B. $x^2 = 512$ C. $x^3 = 512$ D. $x^2 = 64$	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.
5)	Which equation has both 7 and -7 as a possible value of x? A. $x^2 = 49$ B. $x^3 = 343$ C. $x^2 = 14$ D. $x^2 = 343$	6)	Which equation has only 4 as a possible value of x? A. $x^3 = 12$ B. $x^3 = 64$ C. $x^3 = 16$ D. $x^2 = 12$	8.
7)	Which equation has only 7 as a possible value of x? A. $x^2 = 21$ B. $x^2 = 49$ C. $x^3 = 21$ D. $x^3 = 343$	8)	Which equation has both 5 and -5 as a possible value of x? A. $x^2 = 25$ B. $x^3 = 25$ C. $x^2 = 10$ D. $x^3 = 125$	
9)	Which equation has only 5 as a possible value of x? A. $x^2 = 125$ B. $x^2 = 25$ C. $x^3 = 125$ D. $x^2 = 15$	10)	Which equation has only 8 as a possible value of x? A. $x^2 = 512$ B. $x^2 = 24$ C. $x^3 = 512$ D. $x^3 = 64$	

Examining Pov	vers and Bases	Name: Answer Key
lve each problem.		Answers
Which equation has only 10 as a possible value of x?	Which equation has only value of x?	6 as a possible 1. D
A. $x^3 = 100$ B. $x^3 = 30$	A. $x^3 = 18$ B. $x^2 = 216$	2. D
C. $x^2 = 1000$ D. $x^3 = 1000$	C. $x^2 = 18$ D. $x^3 = 216$	3. D
		4. B
Which equation has both 8 and -8 as a possible value of x?	4) Which equation has both possible value of x?	10 and -10 as a 5. A
A. $x^3 = 64$ B. $x^2 = 512$	A. $x^3 = 20$ B. $x^2 = 100$	6. B
C. $x^3 = 512$ D. $x^2 = 64$	C. $x^2 = 20$ D. $x^3 = 100$	7. D
		8. A
Which equation has both 7 and -7 as a possible value of x?	6) Which equation has only value of x?	
A. $x^2 = 49$ B. $x^3 = 343$	A. $x^3 = 12$ B. $x^3 = 64$	10. C
D. $x^{2} = 343$ C. $x^{2} = 14$ D. $x^{2} = 343$	D. $x^{3} = 16$ D. $x^{2} = 12$	
Which equation has only 7 as a possible	8) Which equation has both	5 and -5 as a
value of x? A. $x^2 = 21$	possible value of x? A. $x^2 = 25$	
B. $x^2 = 49$	B. $x^3 = 25$	
C. $x^3 = 21$ D. $x^3 = 343$	C. $x^2 = 10$ D. $x^3 = 125$	
Which equation has only 5 as a possible value of x?	10) Which equation has only value of x?	8 as a possible
A. $x^2 = 125$ B. $x^2 = 25$	A. $x^2 = 512$	
B. $x^2 = 25$ C. $x^3 = 125$	B. $x^2 = 24$ C. $x^3 = 512$	
$D. x^2 = 15$	D. $x^3 = 64$	