Examining Por	vers and Bases Name:	
Solve each problem.		Answers
<ol> <li>Which equation has both 10 and -10 as a possible value of x?</li> <li>A. x<sup>2</sup> = 20</li> <li>B. x<sup>3</sup> = 1000</li> <li>C. x<sup>3</sup> = 20</li> <li>D. x<sup>2</sup> = 100</li> </ol>	<ul> <li>Which equation has only 4 as a possible value of x?</li> <li>A. x<sup>3</sup> = 12</li> <li>B. x<sup>3</sup> = 64</li> <li>C. x<sup>2</sup> = 16</li> <li>D. x<sup>2</sup> = 64</li> </ul>	e 1 2 3
<ul> <li>Which equation has only 7 as a possible value of x?</li> <li>A. x<sup>2</sup> = 49</li> <li>B. x<sup>3</sup> = 21</li> <li>C. x<sup>3</sup> = 343</li> <li>D. x<sup>3</sup> = 49</li> </ul>	<ul> <li>Which equation has both 8 and -8 as a possible value of x?</li> <li>A. x<sup>3</sup> = 64</li> <li>B. x<sup>2</sup> = 64</li> <li>C. x<sup>3</sup> = 512</li> <li>D. x<sup>2</sup> = 512</li> </ul>	4 5 6 7 8.
5) Which equation has both 6 and -6 as a possible value of x? A. $x^2 = 36$ B. $x^3 = 216$ C. $x^2 = 216$ D. $x^3 = 12$	<ul> <li>6) Which equation has both 7 and -7 as a possible value of x?</li> <li>A. x<sup>2</sup> = 14</li> <li>B. x<sup>2</sup> = 343</li> <li>C. x<sup>3</sup> = 49</li> <li>D. x<sup>2</sup> = 49</li> </ul>	8 9 10
7) Which equation has both 5 and -5 as a possible value of x? A. $x^2 = 10$ B. $x^2 = 125$ C. $x^2 = 25$ D. $x^3 = 25$	8) Which equation has only 9 as a possible value of x? A. $x^2 = 27$ B. $x^3 = 729$ C. $x^2 = 81$ D. $x^2 = 729$	2
9) Which equation has only 8 as a possible value of x? A. $x^3 = 24$ B. $x^3 = 512$ C. $x^3 = 64$ D. $x^2 = 64$	<b>10)</b> Which equation has only 10 as a possible value of x? A. $x^2 = 30$ B. $x^3 = 30$ C. $x^3 = 1000$ D. $x^2 = 1000$	le

Math

Examining Pow ve each problem.	, 015	and Bases Name: A		r Key Answers
Which equation has both 10 and -10 as a possible value of x? A. $x^2 = 20$	2)	Which equation has only 4 as a possible value of x? A. $x^3 = 12$	1	D
B. $x^3 = 1000$ C. $x^3 = 20$ D. $x^2 = 100$		B. $x^3 = 64$ C. $x^2 = 16$ D. $x^2 = 64$	2 3.	B C
			4	В
Which equation has only 7 as a possible value of x? A. $x^2 = 49$	4)	Which equation has both 8 and -8 as a possible value of x? A. $x^3 = 64$	5	Α
A. $x = 49$ B. $x^3 = 21$ C. $x^3 = 343$ D. $x^3 = 49$		B. $x^2 = 64$ C. $x^3 = 512$	6	D
		D. $x^2 = 512$	7. – 8.	C B
Which equation has both 6 and -6 as a possible value of $x$ ?	6)	Which equation has both 7 and -7 as a possible value of $x$ ?	<sup>8.</sup> –	B
A. $x^{2} = 36$ B. $x^{3} = 216$ C. $x^{2} = 216$ D. $x^{3} = 12$		A. $x^2 = 14$ B. $x^2 = 343$ C. $x^3 = 49$ D. $x^2 = 49$	<sup>10.</sup> _	С
Which equation has both 5 and -5 as a possible value of x?	8)	Which equation has only 9 as a possible value of x?		
A. $x^{2} = 10$ B. $x^{2} = 125$ C. $x^{2} = 25$ D. $x^{3} = 25$		A. $x^2 = 27$ B. $x^3 = 729$ C. $x^2 = 81$ D. $x^2 = 729$		
Which equation has only 8 as a possible value of x? A. $x^3 = 24$	10)	Which equation has only 10 as a possible value of x? A. $x^2 = 30$		
A. $x = 24$ B. $x^3 = 512$ C. $x^3 = 64$ D. $x^2 = 64$		A. $x = 50$ B. $x^3 = 30$ C. $x^3 = 1000$ D. $x^2 = 1000$		

www.CommonCoreSheets.com