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1) Complete the table:

Power	Base	Exponent	Value	In words
$3^2$	3	2	9	Three squared or three to the power of two
$4^2$				
	5	3		
	4		64	
		2	16	
				Five cubed or five to the power of three
				Three to the power of four
$3^4$				
	2	6		
	10		1000	
		2	144	
				Six to the power of five
$10^4$				
	10	6		
	3		27	
				One million or ten to the power of six

2) Go to:

<http://www.math.com/school/subject1/lessons/S1U1L9GL.html>

Read the text and answer:

- a. What are  $n^2$  and  $5^2$ ?
- b. Click on step 2 "in depth" and read the text:
- c. What are the inverse or opposite operations of subtraction, division and squaring?
- d. Why is 10 the square root of 100?

3) Click on step 3 "Examples" and read the text. It shows the perfect squares up to number 100 and shows how to calculate squares.