





Complete the table.

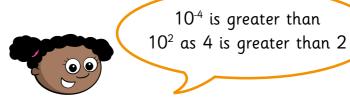
Power of 10	Calculation	Answer	
10 ⁶	10 × 10 × 10 × 10 × 10 × 10	1,000,000	
10⁵	10 × 10 × 10 × 10 × 10		
104			
10³			
10 ²			
10¹			
10 ⁻¹	1 ÷ 10	0.1	
10-2	1 ÷ 10 ÷ 10		
10 ⁻³			
10 ⁻⁴			
10 ⁻⁵			

What patterns can you see?

Write these numbers in the form 10ⁿ

3	Write these powers of 10 as ordinary numbers
	Time these potreis or to as oramany mambers





Is Whitney correct? _____

Explain your answer.

Write < or > to make these statements correct.

a)
$$10^{-2}$$
 10^{2}

b)
$$10^7$$
 10^4

f)
$$10^5$$
 10^5

g)
$$10^{-14}$$
 () 10^{-13}

d)
$$10^8$$
 10^6

h)
$$10^{-236}$$
 10^{1}

6	What is the median of this set of numbers?

10³

10⁻³

10⁷

10¹³

10-13

The median is

- - a) A millionth is the number formed by dividing 1 by a million. Write a millionth as a power of 10

b) A quintillionth can be written as 0.00000000000000001

Write a quintillionth as a power of 10

Here are some number cards.

Α

10⁻³

C

one hundredth

0.000 000 1

В

10⁻⁶

D

 $1 \div 10,000$

1,000 ÷ 100,000,000

Put the number cards in ascending order.



a) What is the value of 10 hundredths as a power of 10?



b) What is the value of 1,000 tenths as a power of 10?

Solve the equation.

Write your answer as a power of 10

$$7x - 200,000 = 500,000$$

