

Powers of 2 and other numbers

One doubling = $2^1 =$ _____ Two doublings = $2^2 =$ _____ Three doublings = $2^3 =$ _____

What is the smallest power of 2 that has a doubling number of 8? _____

Fill out the table with the smallest powers of 2 that have these doubling numbers.

Doubling number	1	2	3	4	5	6	7	8	9	10
Smallest number										

If $2^x = 1024$, $x =$ _____

How could you find the smallest power of 2 that has a doubling number of 13?

What is this number? _____