

gridlocks – can you unlock the grid?

Multiples of units 2

Before you answer the puzzles below fill in the table of multiples of units using:

1×10^6 kilo centi nano giga 1×10^{-3}

prefix	multiple	symbol	prefix	multiple	symbol
deci	1×10^{-1}	d	deca	10	da
	1×10^{-2}	c	hecto	100	h
milli		m		1×10^3	k
micro	1×10^{-6}	μ	mega		M
	1×10^{-9}	n		1×10^9	G
pico	1×10^{-12}	p	tera	1×10^{12}	T

Gridlock 1

Each row, column and 2 x 2 box contains information about the first four multiples listed above. Use your problem solving skills and the answers in the table above to fill in the blank boxes.

prefix		multiple	
	deci		1×10^{-6}
			1×10^{-1}
c			milli
symbol		prefix	

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Gridlock 2

Each row, column and 2 x 2 box contains information about each of the prefixes: hecto, nano, pico & deca.

prefix		multiple	
nano			100
			deca
p			
symbol		prefix	

Gridlock 3

Each row, column and 2 x 2 box contains information about each of the prefixes: kilo, mega, giga & tera.

prefix		multiple	
mega			1×10^3
	G		tera
symbol		prefix	