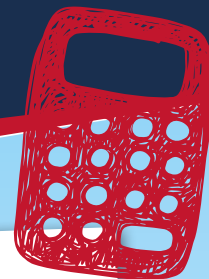


# BES Maths Challenge 1 - Decode the Joke

## Factors, Multiples, Primes



Write down the value for each of the letters of the alphabet.

A	The 2nd multiple of 5	
B	The missing multiple of 3: 3, 6, 9, __, 15, 18,...	
C	The 1st multiple of 15	
D	The missing multiple of 2: 2, 4, 6, 8, 10, 12, __,...	
E	The 1st prime number	
F	The 4th multiple of 8	
G	The missing factor of 18: 1, 2, 3, 6, __, 18	
H	The 3rd prime number	
I	The smallest factor of 20	
J	The 5th multiple of 9	
K	The smallest two-digit prime number	
L	The biggest factor of 8	
M	The prime number closest to 20	

N	The smallest prime number greater than 30	
O	The biggest factor of 40	
P	The 4th multiple of 12	
Q	The number of factors of 12	
R	The biggest one-digit prime number	
S	The next prime number after 13	
T	The sum of the first three multiples of 5	
U	The missing factor of 24: 1, 2, 3, __, 6, 8, 12, 24	
V	The smallest odd prime number	
W	The sum of the first five multiples of 7	
X	The sum of all the factors of 15	
Y	The missing factor of 32: 1, 2, 4, 8, __, 32	
Z	The biggest factor of 39 that is a prime number	

Now decode the joke....

105	5	16		14	40		19	10	30	5	17		30	2

10	15	5	2	7	17		105	2	10	7		9	8	10

17	17	2	17	?		1	30		1	19	48	7	40	3
				?										

2	17		14	1	3	1	17	1	40	31	!			
											!			

