

RULES OF DIVISIBILITY

A number is divisible by...	if...	Example
2	the last digit is even (0, 2, 4, 6, 8)	12,458
3	the sum of its digits is divisible by 3 $1 + 4 + 2 + 1 + 1 = 9$ and $9/3 = 3$	142,011
4	the last 2 digits are divisible by 4 $20/4 = 5$, so the whole number is divisible by 4	615,420
5	the last digit is 0 or 5	134,890 467,675
6	the number is divisible by 2 and by 3 the last digit is even $3 + 3 + 4 + 2 = 12$ and $12/3 = 4$	334,002
8	the last 3 digits are divisible by 8 $104/8 = 16$	213,104
9	the sum of the digits is divisible by 9 $7 + 2 + 1 + 8 = 18$ and $18/9 = 2$	720,108
10	the last digit is 0	324,550