

Divisibility Rules

Can a given number be divided by	Answer
2	Yes, if the number ends in 0,2,4,6, or 8
3	Yes, if the sum of the digits can be divided by 3. For example, the number 29307 can be divided by 3 because the sum of the digits of the number ($2+9+3+0+7=21$) can be divided by 3.
4	Yes, if the last two digits of the number can be divided by 4. For example, the number 3520 can be divided by 4 because the last two digits (20) can be divided by 4.
5	Yes, if the last digit is a 0 or a 5.
6	Yes, if the number is divisible by both 2 and 3. For example, the number 162 is divisible by both 2 and 3. Therefore, it is also divisible by 6.
9	Yes, if the sum of the digits of the number can be divided by 9. For example, the number 73,827 can be divided by 9 because the sum of the digits ($7+3+8+2+7=27$) is divisible by 9.