

Rules of Divisibility

- By 2: The number must be even.
- By 3: If the sum of the digits of the number is divisible by 3 then the number is divisible by 3.
- By 4: The last two digits of the number is divisible by 4 then the entire number is divisible by 4.
- By 5: The number must end in a 5 or 0.
- By 6: The number must be even and divisible by 3.
- By 7: There is no simple rule for dividing by 7.
- By 8: The last three digits must be divisible by 8 for the entire number to be divisible by 8.
- By 9: If the sum of the digits is divisible by 9 then the entire number is divisible by 9.
- By 10: The number ends in a 0.
- By 11: For smaller numbers, the outer digits total the inner digits.
- By 12: The number must be divisible by 3 and 4.
- By 13: There is no simple rule for dividing by 13.
- By 14: The number must be even and divisible by 7.
- By 15: The number must be divisible by 3 and 5.

