

DIVISIBILITY TESTS FOR WHOLE NUMBERS*

1. A whole number is divisible by 2 if and only if the ones digit of the number is divisible by 2.
2. A whole number is divisible by 3 if and only if the sum of its digits is divisible by 3.
3. A whole number is divisible by 4 if and only if the last two digits of the number represent a number divisible by 4.
4. A whole number is divisible by 5 if and only if the ones digit of the number is divisible by 5 (i.e., the ones digit is 0 or 5).
5. A whole number is divisible by 6 if and only if it is divisible by both 2 and 3.
6. A whole number is divisible by 8 if and only if the last three digits of the number represent a number divisible by 8.
7. A whole number is divisible by 10 if and only if the ones digit is the number 0.
8. A whole number is divisible by 11 if and only if the sum of the digits in the places that are odd powers of ten minus the sum of the digits in the places that are even powers of ten is divisible by 11.

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