

## More Divisibility Rules

A number is...

divisible by 2 if the last digit is an even number.

divisible by 3 if the sum of the digits is divisible by 3.

divisible by 5 if the last digit is either 0 or 5.

divisible by 9 if the sum of the digits is divisible by 9.

divisible by 10 if the last digit is 0.

divisible by 4 if the last 2 digits are divisible by 4.

divisible by 6 if it is divisible by both 2 and 3.

divisible by 8 if the last 3 digits are divisible by 8. The last 3 digits of the number are divisible by 8 if it is divisible by 2, then 2, then 2.

### Just for interest

A number is divisible by 7 if you can take the last digit double it, then subtract it from the rest of the digits. If this number is a multiple of 7 then the original number is divisible by 7. For example, 378, take 8, double it to get 16, 37 take away 16 is 21. 21 is multiple of 7 so 378 is divisible by 7.