

Divisible by 2

- It's an even number
e.g., 248 and 1,916,204 because they are both even numbers.

Divisible by 3

- Add up the digits; if the sum is divisible by 3, then so is the original number.
e.g., 471 because $4 + 7 + 1 = 12$ and 12 is divisible by 3.

Divisible by 4

- If the number's last two digits make a number that is divisible by 4, then so is the original number.
e.g., 92,472 because 72 is divisible by 4.

Divisible by 5

- If the number's last digit is a 0 or a 5.
e.g., 92,475 because the last digit is a 5.

Divisible by 6

- If the number is divisible by both 2 and 3.
e.g., 372 because it's divisible both by 3 (because $3 + 7 + 2 = 12$) and by 4 (because 72 is divisible by 4).

Divisible by 9

- Add up the digits; if the sum is divisible by 9, then so is the original number.
e.g., 477 because $4 + 7 + 7 = 18$ and 18 is divisible by 9.