DIVISIBILITY TOOLKIT

If it ends in an even number: 0, 2, 4, 6, 8
THEN IT'S DIVISIBLE BY
2

If the digits add up to a multiple of 3
THEN IT'S DIVISIBLE BY
3

If the last 2 digits are a multiple of 4
THEN IT'S DIVISIBLE BY
4

If it ends in 5 or 0
THEN IT'S DIVISIBLE BY
5

If it's divisible by 3 and it's even
THEN IT'S DIVISIBLE BY
6

If the digits add up to a multiple of 9
THEN IT'S DIVISIBLE BY
9

ADVANCED DIVISIBILITY

1. Remove the last digit 2. Double that digit 3. Subtract that from the remaining # 4. Check if the result is a multiple of 7
THEN IT'S DIVISIBLE BY
7

1. Take turns adding & subtracting digits 2. Example: 9273 is 9-2+7-3 = 11 3. Check if it's a multiple of 11
THEN IT'S DIVISIBLE BY
11

1. Remove the last digit 2. Multiply that digit by 4 3. Add that to the remaining # 4. Check if the result is a multiple of 13
THEN IT'S DIVISIBLE BY
13

1. Remove the last digit 2. Multiply that digit by 5 3. Subtract that from the remaining # 4. Check if the result is a multiple of 17
THEN IT'S DIVISIBLE BY
17

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