

Magical Division Tests

MAGICAL EFFECT:

Tell at a glance whether any number is evenly divisible by another number.

HOW TO PERFORM:

Memorize the following chart:

A number can be divided –

- by 2** if the end digit on the right is even.
- by 3** if the sum of the digits in that number can be divided by 3:
- by 4** if the last 2 digits (on the right) can be divided by 4:
- by 5** if the last digit is 5 or 0:
- by 6** if it is even and the sum of its digits can be divided by
- by 7** Challenge: No one has discovered this test yet.
- by 8** In most cases, if the sum of the last 3 digits can be divided by 8 or if the last 3 digits are zeros.
- by 9** If the sum of the digits can be divided by 9.

EXAMPLE

$2 + 1 = 3$ and $3 \div 3 = 1$,
then 21 is divisible by 3

32 is divisible by 4, so
9,732 is divisible by 4

$7 + 2 + 8 + 4 = 21$ & $21 \div 3 = 7$,
3,7284 is divisible by 3.