


Top page (to be used with any of the bottom pages)


A number is divisible by  if

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Cut on outside lines. Then cut each individual strip (on the horizontal lines.) Glue left margin only to margin on bottom page. Strips remain unglued so they can be lifted to reveal answers.

the number is even (ends in 0,2,4,6,or 8)

Example:

the sum of the digits add up to a multiple of 3.

Example:

the last two digits are divisible by 4

Example:

the last digit is a 0 or 5

Example:

the number is divisible by 2 and 3

Example:

the sum of the digits are divisible by 9

Example:

The last digit is 0

Examples:

Only cut on outside lines. Then paste entire page into notebook. Glue the left margin from the top page to the left margin of the bottom. The students will add examples.

Divisibility Rule Poetry

Every good student who goes to school,
Needs to know every divisibility rule.....

- 1 If it's a whole number, you're done,
It's divisible by **one**.
- 2 If it's even, it's true
It's divisible by **two**.
- 3 Add the digits to see
If it's divisible by **three**.
- 4 Divide the last two digits by four,
And you'll get **four** for sure.
- 5 If it ends with five or zero,
It makes **five** a hero.
- 6 If you got two and three
You get **six** for free!
- 9 Add the digits, that's fine
To check on the **nine**.
- 10 A zero at the end
And we'll feel good about **ten**.

Memorize each and every single rule,
And you'll feel even better about coming to school.