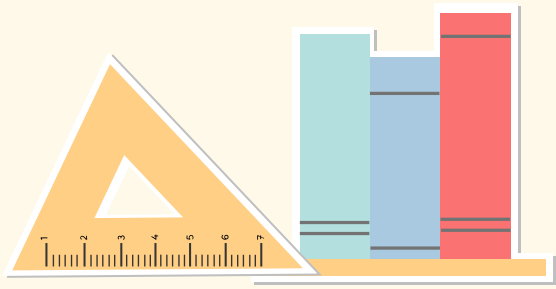


DIVISIBILITY RULES



A number is divisible by 3 if the sum of all the digits is divisible by 3 or a multiple of 3.

$$\begin{array}{r} 624 \\ 6+2+4 = 12 \end{array}$$

2

A number is divisible by 2 if its last digit is 0, 2, 4, 6, or 8. All even numbers are divisible by 2.

$$\begin{array}{r} 45\ 628 \\ \hline \end{array}$$

3

A number is divisible by 4 if its last two digits form a number that is divisible by 4 or if its last two digits are both zeros.

$$\begin{array}{r} 53\ 716 \\ \hline \end{array}$$

4

A number is divisible by 5 if its last digit is 0 or 5.

$$\begin{array}{r} 74\ 635 \\ \hline \end{array}$$

5

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

- ✓ Divisible by 2
- ✓ Divisible by 3

6

To test whether a number is divisible by 7, the last digit of the given number should be multiplied by 2 and then subtracted with the rest of the number leaving the last digit. If the difference is 0 or a multiple of 7, then it is divisible by 7.

7

A number is divisible by 8 if its last three digits form a number that is divisible by 8 or if its last three digits are all zeros.

8

A number is divisible by 9 if the sum of all the digits is divisible by 9 or a multiple of 9.

$$\begin{array}{r} 324 \\ 3+2+4 = 9 \end{array}$$

9

