I know the test for divisibility for numbers up to 10.

By the end of this half term, children should know the following divisibility rules and be able to use them to test for divisibility up to 10. The aim is for them to recall these facts **instantly**.

Key Vocabulary
'Divisible by' means you can divide one number by another and the answer is a whole number.
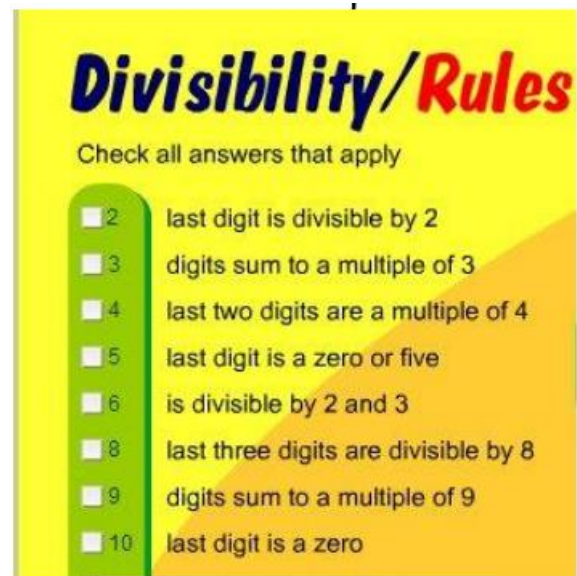"Divisible by" and "can be exactly divided by" mean the same thing
Key Questions
Is the last digit even? (divisible by 2)
Is the sum of the digits divisible by 3?
Is it divisible by both 2 and 3?

Divisibility/Rules

Check all answers that apply

2	last digit is divisible by 2
3	digits sum to a multiple of 3
4	last two digits are a multiple of 4
5	last digit is a zero or five
6	is divisible by 2 and 3
8	last three digits are divisible by 8
9	digits sum to a multiple of 9
10	last digit is a zero

Top Tips

The secret to success?
Practise little and often! Maybe take two times tables per week and learn the divisibility test for those times tables then move on to the next two the next week.
Play games!
https://mathequalslove.net/is-it-divisible-dice-game/ - fun games using a dice
https://www.transum.org/software/SW/Starter_of_the_day/Students/Divisibility_Test.asp
– online game
https://eng.mathgames.com/skill/6.29-divisibility-rules – online game

Useful websites (games and information):
Divisibility Rules From 1 to 13 - https://byjus.com/maths/divisibility-rules/
Divisibility Rules (Tests) - https://www.mathsisfun.com/divisibility-rules.html
Divisibility Tests - https://nrich.maths.org/1308