



This half term the children are working towards achieving their individual KIRF target, indicated below. The ultimate aim is for your child to be able to recall these facts **instantly!**

Know the tests for divisibility for 2, 3, 5, 9 and 10.

Divisible by 2:

Rule: If it ends with a 0, 2, 4, 6, or 8

1 7 **8**

Look at the last digit
Is it 0, 2, 4, 6, or 8?
If it is then the number is divisible by 2

Divisible by 5:

Rule: If it ends with a 5 or a 0

6 5 **5**

Look at the last digit
If it is a 5 or a 0 the number is divisible by 5

Divisible by 3:

Rule: If the sum of the digits is a multiple of 3

2 0 7 9

Add the digits
 $2 + 0 + 7 + 9 = 18$
18 is a multiple of 3
So 2079 is divisible by 3

Divisible by 9:

Rule: If the sum of the digits are a multiple of 9

4 6 9 2 6

Add the digits
 $4 + 6 + 9 + 2 + 6 = 27$
27 is a multiple of 9
So 46926 is divisible by 9

Divisible by 10:

Rule: If the last digit is 0

3 4 **0**

Look at the last digit
If it is a 0 the number is divisible by 10

Building confidence in mathematics is crucial so be pleased with your child's efforts and always encourage with praise. Make sure these practice sessions are enjoyable - if your child is really not in the mood it is the wrong time to be practising!