**Divisibility Rules**

A number is divisible by….

**2** – If the number is even (4, 70, 654…)

**3** – If the sum of the digits is divisible by 3

45 - 4 + 5 = 9, so 45 is divisible by 3

**4** – If the last 2 digits form a number that is divisible by 4

 640 – 640 , 40 is divisible by 4 so 640 is too!

**5** – IF the last digit is a 5 or a 0 (45, 60, 1,375…)

**6** – If the number is divisible by both 2 and 3 (60, 342, 1,092...)

**9** – IF the sum of the digits is divisible by 9

 8,676 – 8+6+7+6 = 27, so 8,676 is divisible by 9

**10** – If the last digit is a 0 (10, 20, 3,000…)