

## Rules for Divisibility

- 2** – A number is divisible by 2 (is even) if it has a ones digit of 0, 2, 4, 6, or 8.
- 3** – A number is divisible by 3 if the sum of its digits is divisible by 3.
- 4** – A number is divisible by 4 if the number named by its last *two* digits is divisible by 4.
- 5** – A number is divisible by 5 if its ones digit is 0 or 5.
- 6** – A number is divisible by 6 if it is both divisible by 2 AND 3.
- 7** – No trick. Just divide by 7. If there is no remainder, then the number is divisible by 7.
- 8** – A number is divisible by 8 if the number named by its last *three* digits is divisible by 8.
- 9** – A number is divisible by 9 if the sum of its digits is divisible by 9.
- 10** – A number is divisible by 10 if its ones digit is 0.