

## Test of divisibility

1. A number is divisible by 10, if its last digit is 0.
2. A number is divisible by 9, if the sum of its digit is divisible by 9.
3. A number is divisible by 6, if its divisible by 2 and 3.
4. A number is divisible by 5, if its last digit is either 5 or 0.
5. A number is divisible by 3, if the sum of its digits is divisible by 3.
6. Even numbers are those numbers who are divisible by 2. Ex- 0, 2, 4, 6, 8
7. Odd numbers are those numbers who are not divisible by 2. Ex- 1, 3, 5, 7, 9

8. 52, 54, 56, 58, 60, 62, 64, 66, 68.

9. 81, 83, 85, 87, 89, 91, 93, 95, 97, 99.

10. A number is divisible by 4 if its last two digits are divisible by 4 or the last two digits are zeros. Ex- 116, 1300, 1324, 1200.

11.  $7+2+3+0 = 12$

Yes, 7230 is divisible by 3.

12.  $5+2+3+6+1 = 17$

No, 52361 is not divisible by 9.

13. 78,684

Yes, 78,684 is divisible by 4.

14. 2812

$$2+8+1+2 = 13$$

No, 2812 is not divisible by 6.

15. 39,655

Yes, 39,655 is divisible by 5.