



# Divisibility

Find out if the numbers given below are divisible by any of the numbers 2, 3, 4, 5, 6 and 9. Write the number in the space provided below. A sample question has been solved for help.

1. 455 is divisible by 5 .
2. 3939 is divisible by \_\_\_\_\_ .
3. 2432 is divisible by \_\_\_\_\_ .
4. 6273 is divisible by \_\_\_\_\_ .
5. If a number is divisible by 4, then it is also divisible by \_\_\_\_\_ .
6. 935050 is divisible by \_\_\_\_\_ .
7. 92454 is divisible by \_\_\_\_\_ and \_\_\_\_\_ .
8. 73384 is divisible by 2 and \_\_\_\_\_ .
9. A number which is divisible by 10 is also divisible by \_\_\_\_\_ .
10. Give one number which is divisible by 6 \_\_\_\_\_ .
11. 9936 is divisible by \_\_\_\_\_ .
12. 899991 is divisible by \_\_\_\_\_ and \_\_\_\_\_ .
13. A number which is divisible by 2 and 3, is divisible by \_\_\_\_\_ .
14. If the last digit of a number is 0 then it is divisible by \_\_\_\_\_ and \_\_\_\_\_ .
15. 1916 is divisible by 4. State true or false \_\_\_\_\_ .

**Note** : A no. is said to be divisible by another no. if it can be completely divided by that no.

Divisibility conditions are the shortcut to find if a no. is divisible by the divisor without actually dividing it. The divisibility conditions are :

1. A no. is divisible by 2, if the last digit is even.
2. A no. is divisible by 3, if the sum of the digits is divisible by 3.
3. A no. is divisible by 4, if the last two digits are divisible by 4.
4. A no. is divisible by 5, if the last digit is either 0 or 5.
5. A no. is divisible by 6, if it is divisible by 2 and 3 both.
6. A no. is divisible by 9, if the sum of the digits is divisible by 9.

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