Divisibility Rules explained with examples:
In this article, we use a few example to understand the concept of divisibility. Go through the following examples:

Example 1:
Check divisibility of 124 by 2, 3, 4 and 5.
Solution:
124 is divisible by 2 since the last digit is 4.
124 is not divisible by 3 since the sum of the digits is 7 (1+2+4 = 7), and 7 is not divisible by 3.
124 is divisible by 4 since 24 is divisible by 4.
124 is not divisible by 5 since the last digit is 4 it is neither 0 nor 5.
124 is divisible by 2 and 4 not by 3 and 5.

Example 2:
Check divisibility of 225 by 2, 3, 4, 5, 6, 9 and 10.
Solution:
225 is not divisible by 2 since the last digit is not 0, 2, 4, 6 or 8.
225 is divisible by 3 since the sum of the digits is 9 and 9 is divisible by 3.
225 is not divisible by 4 since 25 is not divisible by 4.
225 is divisible by 5 since the last digit is 5.
225 is not divisible by 6 since it is not divisible by 2.
225 is divisible by 9 since the sum of the digits is 9.
225 is not divisible by 10 since the last digit is not 0.
225 is divisible by 3, 5, 9.

Example 3:
Check divisibility of 400 by 2, 3, 4, 5, 6, 8, 9 and 10.
Solution:
400 is divisible by 2 since the last digit is 0.
400 is not divisible by 3 since the sum of the digits is 4 and 4 is not divisible by 3.
400 is divisible by 4 since 00 is divisible by 4.
400 is divisible by 5 since the last digit is 0.
400 is not divisible by 6 since it is not divisible by 3.
400 is divisible by 8 since the last 3 digits are 400 and 400 is divisible by 8.
400 is not divisible by 9 since the sum of the digits is 4 and 4 is not divisible by 9.
400 is divisible by 10 since the last digit is 0.
400 is divisible by 2,4,5,8 and 10.

Example 4:
Check divisibility of 750 by 2, 3, 4, 5, 6, 8, 9 and 10.
Solution:
750 is divisible by 2 since the last digit is 0.
750 is divisible by 3 since the sum of the digits is 12 and 1 is not divisible by 3.
750 is not divisible by 4 since 50 is not divisible by 4.
750 is divisible by 5 since the last digit is 0.
750 is divisible by 6 since it is divisible by 2 and 3.
750 is not divisible by 8 since the last 3 digits are 750 and 750 is not divisible by 8.
750 is not divisible by 9 since the sum of the digits is 12 and 12 is not divisible by 9.

750 is divisible by 10 since the last digit is 0.
750 is divisible by 2,3,5,6 and 10.

Example 5:
Check divisibility of 1200 by 2, 3, 4, 5, 6, 8, 9 and 10.
Solution:
1200 is divisible by 2 since the last digit is 0.
1200 is divisible by 3 since the sum of the digits is 3.
1200 is divisible by 4 since 00 is divisible by 4.
1200 is divisible by 5 since the last digit is 0.
1200 is divisible by 6 since it is divisible by both 2 and 3.
1200 is divisible by 8 since the last 3 digits are 200.
1200 is not divisible by 9 since the sum of the digits is 3 and 3 is not divisible by 9.
1200 is divisible by 10 since the last digit is 0.
1200 is divisible by 2,3,4,5,6,8 and 10.

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