

Q1. A number is divisible by 10, if its last digit is 0.

2 A number is divisible by 9, if the sum of its digits is divisible by 9.

3 A number is divisible by 6, if it is divisible by 2 and 3.

4 A number 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.

Q1. Even-Number having 2, 4, 6, 8 and 0 as their one's digit are known as Even

number. Ex 22, 24, 36, 30

2 Odd Number - Number having 1, 3, 5, 7

and 9 as their one's digit are known as

Odd Number. Ex 31, 33, 45, 47

3

50 to 70 Even Numbers - 52, 54, 56, 58, 60, 62,

64, 66, 68

4 80 to 100 Odd Numbers - 81, 83, 85, 87, 89,

91, 93, 95, 97, 99

5 Divisibility rule of 4 - If last two digit

are divisible by 4 ^{or} and the numbers

have two zeroes at last two digit it

is divisible by 4

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C1 Check the divisibility of 7,230 by 3

$$7+2+3=12 \text{ so it is divisible by 3}$$

2 Check the divisibility of 52,361 by 9

$$5+2+3+6+1=17 \text{ so it is not divisible by 9}$$

3 Check the divisibility of 78,684 by 4

By the rule the last two digit are 84 it is

divisible by 4 $21 \times 4 = 84$ so it is divisible by

4

4 Divisibility of 2812 by 6

~~The~~ It is divisible by 2 but not divisible by

3 so it is not divisible by 6

5 Divisibility of 39,655 by 5

It is divisible by 5 because last digit is 5