

Tests of divisibility

(A) Fill in the blanks :-

(1) A number is divisible by 10, if its last digit is zero.

(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 it is divisible by 2 and 3.

(4) A number is divisible by 5, if its last digit is either zero or 5.

(5) A number is divisible by 3, if the sum of its digits is ~~1~~ divisible by 3.

(B) Answer the following questions :-

(6) What do you mean by even numbers?

Ans- Numbers having 2, 4, 6, 8 and 0 as their one's digit are known as even numbers.

(7) What do you mean by odd numbers?

Ans- Numbers having 1, 3, 5, 7 and 9 as their one's digit are known as odd numbers.

(8) Write down all the even numbers in between 50 to 70.

Ans- 52, 54, 56, 58, 60, 62, 64, ~~65~~, 66, 68

(9) Write down all the odd numbers in between 80 to ~~100~~ 100.

Ans- 81, 83, 85, 87, 89, 91, 93, 95, 97, 99

(10) What is the divisibility rule of 4.

Ans- A number is divisible by 4 if the number formed by its last two digits is divisible by 4. or if the last two digits are both zeroes.

(11) Check the divisibility of 7,230 by 3.

Ans- 7230 :- To check its divisibility, we will add all the digits together.

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

12 is divisible by 3.

∴ The number 7230 is divisible by 3.

(12) Check the divisibility of 52,361 by 9.

Ans- ~~5~~ 52,361 :- To check its divisibility, we will add all the digits together.

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

17 is not divisible by 9.

∴ The number 52,361 is not divisible by 9.

(13) Check the divisibility of 78,684 by 4.

Ans- 78684 :- 84 is divisible by 4. $4 \times 21 = 84$.
So, the number 78,684 will be divisible by 4.

(14) Check the divisibility of 2812 by 6.

Ans- 2812 :- To check its divisibility, we will first look at the last digit and then add all the digits together. Since, the last digit is even but its not divisible by 2.

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

13 is not divisible by 3.

Since, 2812 is not divisible by both 2 and 3, therefore the number 2812 is not divisible by 6.

Location of the word

(15) Check the divisibility of 39,655 by 5.

Ans- 39655 :- The last digit of the number is 5. So, the number 39,655 is divisible by 5.

Write the parts of difference between a frog and a toad.

An. Differences between a frog and a toad.

Frogs - Frogs can live on land and in water. Frogs have lungs to breathe in land and moist skin to breathe in water. Frogs have webbed feet for swim in water.

Toads - Toads can only live in water. Toads have gills to breathe in water. Toads have tail to swim in water.

4) Mention two facts for proper digestion of food.

Two tips for proper digestion of food are:

Eat lots of green vegetables and fruits.

Chew your food well before swallowing.