1. In numbers from 1 to 30 the digit “2” appears \_\_\_\_\_\_\_\_times.
2. 140 x 4 = A x 8 - 49 x 8
3. 938 copies of newspaper were sold in a week. How many copies of newspaper are sold in a day if the same numbers of newspaper are sold every day?
4. The number of girls in a singing competition is 1029 more than the number of boys. If 4233 girls participated in the competition, find the total number of participants.
5. In the word HIPPOPOTAMUS, which fraction represents the alphabet “P”?
6. Write down the numbers from 1 to 25 one after the other. Which digit is on the 23rd place from the left?
7. Alok had some picture postcards. They are less than 15 in number. When he puts them in piles of 5, there are 2 left over. When he puts them in piles of 4, there were none left. How many cards does Alok have?
8. A 4-digit number is written in the boxes below. If the sum of any three consecutive digits is 20, find the value of A ?

A B 6 8

1. Add me to 5 or subtract me from 15. The answer is the same. Who am I?
2. How many four digit number can be formed using 7,5,0,2 only once in a number?
3. A large bottle of water costs Rs. 50 more than a small bottle of water. if X represent the price of one large bottle of water, write the expression which shows the price of one small bottle of water?
4. The denominator of a fraction is thrice that of the numerator. The sum of the numerator and denominator is 16. Find the fraction.
5. 9 similar mobile phones cost as much as 4 similar laptops. If each mobile phone costs Rs 1200, find the total cost of 5 such laptops.
6. Mr. Kant wrote a three digit number on the blackboard. Three student Asha, Nensi and Rustom said the following about number:

Asha: It is 3 digit number but not the least

Nensi: It is having three different digits

Rustom: It is the predecessor of least 4 digit number

What is the number, If only two of the three students said the truth?

1. Mr. Pandya wrote a two digit number on the blackboard. Two student Rajat and Riya said the following about number:

Rajat: It is the predecessor of least 3 digit number

Nensi: It is having same two digits

What is the number, if both the students said the truth?

1. X ÷ 7 = 6 R 4. Find X
2. If largest 3-digit number is divided by smallest 2-digit number, then what is quotient and reminder.
3. The least number to be multiplied with an odd number to make it an even number is:
4. A group of pupils shared 109 stamps. 5 of them shared a total of 45 stamps. The rest had 8 stamps each. How many pupils were there altogether?