Army Public School Kota

Worksheet For Class-VI

Subject: Mathematics

Instructions: Read the questions carefully and answer them. There are four sections. Section A have 1 mark ,Section –B have 2 Marks,Section C have 3 Marks and Section D have 4 Marks.

Section-A

1. Estimate 578X161 product using general rule.

2. How many whole numbers are there between 32and 53?

3. Write down separately the prime and composite number less than 20.

Section-B

4. Arrange the following numbers in ascending order :

(a) 847, 9754, 8320, 571 (b) 9801, 25751, 36501, 38802

5. A taxi driver filled his car petrol tank with 40 litres of petrol on Monday. The next day, he filled the tank with 50 litres of petrol. If the petrol costs 44 per litre, how much did he spend in all on petrol?

6.Write seven consecutive composite numbers less than 100 so that there is no prime number between them.

Section-C

7. A book exhibition was held for four days in a school. The number of tickets sold at the counter on the first, second, third and final day was respectively 1094, 1812, 2050 and 2751. Find the total number of tickets sold on all the four days.

8. Shekhar is a famous cricket player. He has so far scored 6980 runs in test matches. He wishes to complete 10,000 runs. How many more runs does he need?

9. Find the sum by suitable rearrangement:

(a) 837 + 208 + 363

(b) 1962 + 453 + 1538 + 647

10. Find the product using suitable properties.

(a) 738 × 103

(b) 854 × 102

11. A number is divisible by both 5 and 12. By which other number will that number be always divisible?

Section-D

12. Give a rough estimate (by rounding off to nearest hundreds) and also a closer estimate (by rounding off to nearest tens) :

(a) 439 + 334 + 4,317

(b) 1,08,734 – 47,599

13. Kirti bookstore sold books worth 2,85,891 in the first week of June and books worth 4,00,768 in the second week of the month. How much was the sale for the two weeks together? In which week was the sale greater and by how much?

14. Study the pattern :

1 × 8 + 1 = 9 1234 × 8 + 4 = 9876

12 × 8 + 2 = 98 12345 × 8 + 5 = 98765

123 × 8 + 3 = 987

 Write the next two steps. Can you say how the pattern works?

(Hint: 12345 = 11111 + 1111 + 111 + 11 + 1).

15. In which of the following expressions, prime factorisation has been done?

(a) 24 = 2 × 3 × 4

(b) 56 = 7 × 2 × 2 × 2

(c) 70 = 2 × 5 × 7

(d) 54 = 2 × 3 × 9