Mathematics

1. Write the numeral which represents $(8 \times 10\ 000) + (6 \times 1\ 000) + (8 \times 10) + (1 \times 1)$

    Answer =

2. Write in expanded notation: 30 906

    Answer =

3. John is playing with four cards as shown below.

    | 4 | 7 | 5 | 3 |

    Rearrange the cards to form

    a. The SMALLEST four digit number.   Answer =

    b. The LARGEST four digit number.   Answer =

    c. The LARGEST number between 5 000 and 7 000.   Answer =

4. What number must be added to 40 to make 82?   Answer =

5. Which digit in the numeral 86 914 represents THOUSANDS   Answer =

6. Write the numeral for four hundred and nine thousand, three hundred and fifty-two.

    Answer =

7. Write the number: 160 734 in words.

    Answer =

8. ▮ and ▲ represent two numbers.

    If ▮ x ▮ = 49

    and ▲ + ▮ = 15

    What is the value of ▮ and ▲ ?

Answer = ▮ is   and ▲ is

9. Approximate 16 857 to the nearest hundred.

   Answer =

10. Complete the following sequence:

   23, 17, 12, 8, ☐ , ☐

11. State the **FACTORS** of the following number:

   a). 8   =
   b). 11   =
   c). 12   =

12. Write the first five **MULTIPLES** of :

   a). 8   =
   b). 11   =
   c). 9   =

13. Write the **HIGHEST COMMON FACTOR** for each of the following sets of numbers:

   a). 20 and 36 =
   b). 30 and 45   =
   c). 8, 12 and 16 =

14. Write the LOWEST COMMON MULTIPLE for each of the sets of numbers:

   a). 6 and 12   =
   b). 3, 4, and 6 =
   c). 6, 8 and 12 =

15. Say which of these are **PRIME** and which are **COMPOSITE** numbers in the following.

a) 12 =	b) 8 =
c) 13 =	d) 33 =
e) 17 =	f) 41 =

16. A bakery has two types of cup cake trays as shown below.

   The bakery used the same number of each type of tray to make 216 cupcakes.How many of each type of tray are used.

   Answer =

17. A cinema has 7 rows. Each row has 20 seats. All of the seats in 6 rows were completely occupied, while 5 seats in the 7th row were not occupied.
    How many seats were occupied altogether?

    Answer:

18. Ryan picked a bucket of plums. He made 13 heaps. Each heap contained 6 plums and he had 3 extra plums remaining. How many plums did Ryan pick?

    Answer =

19. A baker uses 6 eggs to bake a cake. How many eggs will he use to make 9 similar cakes.

    Answer =

20. A chocolate factory produces 250 boxes of chocolates in a day. Each box contains 30 chocolate bars. How many chocolate bars are produced in a day?

    Answer =

21. Tom had 114 baseball cards. He kept 10 and shared the rest evenly among his 8 friends. How many baseball cards did each friend get?

    Answer =

22. A teacher bought 12 packets of crayons. Seven of the packets had 9 crayons and the other five packets had 10 crayons. How many crayons did the teacher buy in all?

    Answer =

23. Mr. Smith baked 13 trays of 36 cookies. After they cooled he divided the cookies evenly into 9 bags. How many cookies did Mr. Smith place in each bag?

    Answer =

24. On a Friday evening a pizza shop had orders for 4 pepperoni, 97 vegetables, and 335 cheese pizzas. If the 4 chefs each made an equal number of pizzas, how many pizzas did each chef make?

    Answer =

25. Madison is reading a book that has 232 pages in it. She read 42 pages over the weekend. Then she read 30 more pages on Monday night. How many pages does Madison have left to read?

    Answer =