



BRAIN INTERNATIONAL SCHOOL

Class -V

OCTOBER 2024

TOPIC : MULTIPLES AND FACTORS

NAME: _____ CLASS: _____ SEC: _____ DATE: _____

Choose the correct option:

1. Prime factorization of 50 is
i) 5×10 ii) $2 \times 10 \times 5$ iii) 25×2 iv) $2 \times 5 \times 5$
2. The smallest odd composite number is _____.
i) 2 ii) 3 iii) 9 iv) 7
3. Write all the prime numbers between 80 and 100.

4. Write all the multiples of 25 which are less than 100.

5. Check the divisibility of 2357 by 9.

6. Do the prime factorisation of 108. Draw it's factor tree also.

7. Rahul has 18 oranges, 27 pears and 12 bananas. He wants to make fruit baskets with an equal amount of each fruit in each basket.
- Write the name of the fruit which is an odd and composite number.
 - Write all the factors of 18.
 - What is the largest number of fruit basket he can make?

ASSERTION AND REASONING

DIRECTION : In the following question, a statement of **Assertion (A)** is followed by a statement of **Reason (R)** . Choose the correct option.

- Both Assertion and Reason are true and Reason is a correct explanation of Assertion.
 - Both Assertion and Reason are true and Reason is not a correct explanation of Assertion.
 - Assertion is true but Reason is false.
 - Assertion is false but Reason is true.
8. **Assertion (A):** 23 is a prime number.

Reason(R): A number which has three or more factors is called a composite number.