SESSION : 19
CLASS : IV
SUBJECT : MATHEMATICS
CHAPTER NUMBER : 9 & 10
CHAPTER NAME : TESTS OF DIVISIBILITY & FACTORS AND MULTIPLES
SUBTOPIC : REVISION WORK-4 (CHOOSE THE CORRECT ANSWER & ANSWER THE FOLLOWING QUESTIONS)

- **Enable the students to recall the previous chapters through the revision work.**

A. <u>Choose The Correct Answer</u>.

1) A number is divisible by 6, if it is divisible by _____ and _____.

    a. 4 & 5   b. 2 & 3   c. 5 & 7   d. None

2) Even numbers are divisible by _____.

    a. 0   b. 9   c. 2   d. 5

3) _____ is the factor of every number.

    a. 0   b. 2   c. 5   d. 1

A. Choose The Correct Answer.

4) The smallest multiple of a number is the _____.

   a. Number itself   b. 1   c. 0   d. None

5) A _____ number is a number which has only 2 factors.

   a. Composite   b. Prime   c. LCM   d. HCF

B. Answer The Following Questions.

6) Find the prime factorization of 72.

7) Find the HCF of 125 and 175.

8) Find the LCM of 25 and 45.

9) Check the divisibility of 7,986 by 9.

10) Find all the composite numbers in between 40 and 55.

ANSWER

A. Choose The Correct Answer.

1) A number is divisible by 6, if it is divisible by ____**2**____ and ____**3**____.

   a. 4 & 5   b. 2 & 3   c. 5 & 7   d. None

2) Even numbers are divisible by ____**2**____.

   a. 0   b. 9   c. 2   d. 5

3) ____**1**____ is the factor of every number.

   a. 0   b. 2   c. 5   d. 1

A. Choose The Correct Answer.
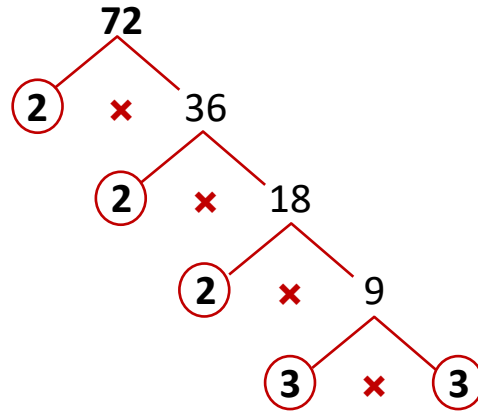
4) The smallest multiple of a number is the **number itself**.

   a. Number itself   b. 1   c. 0   d. None

5) A **Prime** number is a number which has only 2 factors.

   a. Composite   b. Prime   c. LCM   d. HCF

B. Answer The Following Questions.

6) Find the prime factorization of 72.

72

2×36

2×18

2×9

3×3

72 = $2 \times 2 \times 2 \times 3 \times 3$

B. Answer The Following Questions.

7) Find the HCF of 125 and 175.

Factors of 125 = 1, 5, 25, 125

Factors of 175 = 1, 5, 7, 25, 35, 175

Here, **25** is the last highest common factor among the circled numbers.

So, the HCF of 125 and 175 is **25**.

B. Answer The Following Questions.

8) Find the LCM of 25 and 45.

5	25
	5

5	45
3	9
	3

25 = **5** × **5**

45 = **5** × **3** × **3**

LCM = **5 X 5 X 3 X 3 = 225**

B. Answer The Following Questions.

9) Check the divisibility of 7,986 by 9.

7,986 : To check its divisibility, we will add all the together.

7 + 9 + 8 + 6 = **30**

30 is not divisible by **9**.

So, the number **7,986** is not divisible by **9**.

B. Answer The Following Questions.

10) Find all the composite numbers in between 40 and 55.

All composite numbers in between 40 and 55 are as bellow

42 44 45 46 48 49

50 51 52 54

HOME ASSIGNMENT:

➢ **Practice Ch - 6 to Ch – 10 for RT-2.**

LEARNING OUTCOME:

Students are able to recall their previous chapters through the revision work.

THANKING YOU
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