



# SENARO EDUCATION CENTER

*School of English Medium Studies*

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## MATHEMATICS

## GRADE 06

### Lesson 11 – FACTORS AND MULTIPLES. Worksheet

- Finding Factors and Multiples:
  - Find the factors of 24.
  - Find the multiples of 7.
  - Find the common factors of 12 and 18.
  - Find the common multiples of 4 and 6.
- Problems Related to Factors and Multiples:
  - The factors of a number are 1, 2, 4, and 8. What is the number?
  - Find the smallest multiple of 5 that is also a multiple of 6.
  - A number has factors 2, 3, and 7. What are the possible values of the number?
- Divisibility by 2, 5, and 10:
  - Determine whether the number 346 is divisible by 2.
  - Determine whether the number 125 is divisible by 5.
  - Determine whether the number 990 is divisible by 10.
  - Determine whether the number 927 is divisible by 2, 5, and 10.
- Word Problems:
  - Sarah has 36 chocolates. She wants to divide them equally among her friends. How many friends can she give chocolates to without any chocolates left?
  - John has 80 stickers. He wants to arrange them in rows such that each row has 10 stickers. How many complete rows can he make?
- Word Problems on Finding Factors and Multiples:
  - Mary is arranging books on her shelf. She wants to place 24 books in each row. If she has a total of 120 books, how many complete rows can she make?
  - John is making flower bouquets. He wants to arrange the flowers in groups of 5. If he has a total of 35 flowers, how many complete bouquets can he make?
- Word Problems on Examining Divisibility:
  - A toy store has 156 dolls. They want to pack them into boxes with 10 dolls each. Can they fill a whole number of boxes without any dolls left over?
  - Sarah is organizing a game and wants to divide 80 balloons equally among 4 teams. Will each team receive an equal number of balloons?
  - A school has 345 students. The students need to be divided into groups of 5 for a project. Can they form an equal number of groups without any students left out?
- Word Problems on Mixed Concepts:
  - Mary wants to buy notebooks that cost \$5 each. She has \$60. How many notebooks can she buy?
  - John has 42 pens. He wants to arrange them equally into 7 boxes. How many pens will be there in each box?