



Grade 6

Mathematics

Unit : 11 - Factors and Multiples

- Answer all questions.

### Part I

- Express 18 as a product of two numbers.
- Write the first two multiples of 7.
- Write two multiples of 3 greater than 20.
- How can you identify whether a given number is divisible by 10.
- A multiple of 5 is given below. Write a suitable number to fill in the blank cage.  
 2 0 2
- Write 2 multiples of 6 less than 30.
- Which number has only two distinct factors.  
 31, 48, 27, 51, 39
- Write two numbers which are multiples of both 3 and 5.
- Choose the numbers which are divisible by 2.  
 527, 2 644, 43 016, 12 485
- How can you identify whether a given number is divisible by 5.

### Part II

- Write the factors of the following numbers.  
 i) 20      ii) 9      iii) 45      iv) 60
- Find the factors of 72 using the method of division.
- Write all the multiples of 10 and 3 between 1 and 50.
- 60 is a multiple of several numbers. Write them.

5. i) 9 is a factor of 45.  
ii) 7 is a factor of 45. Explain the two statements with reasons.
6. 9<sup>th</sup> multiple of 2 is a multiple of 3 too. Which multiple of 3 is that?
7. 400g of rice needed to prepare meals for a person for a day.  
i) Find the amount of rice needed for a person for a week.  
ii) Find the amount of rice needed for a person for a month.
8. Fill in the blanks.  
 $88 = 11 \times 8$   
i) 88 is a multiple of .....  
ii) 88 is a multiple of .....
9. Write all the possible ways of writing 32, as a product of two whole numbers.
10. What is the largest multiple of 12 which is less than 150.

*Prepared by Ms. T. R. N. Niwanthie*

agaram.lk