



Grade 6

Mathematics

Unit : 11 - Factors and Multiples

- Answer all questions.

Part I

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

Part II

1. Write the factors of the following numbers.
 i) 20 ii) 9 iii) 45 iv) 60
2. Find the factors of 72 using the method of division.
3. Write all the multiples of 10 and 3 between 1 and 50.
4. 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. 9th 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