

Concept HW_Grade-6_Factors, Multiples, Primes and Exponents
Factors and Multiples

1. Write the first 5 multiples of the given numbers.

- (i) 7
- (ii) 8
- (iii) 12
- (iv) 15
- (v) 21

2. Fill in the blanks:

- (i) $6 \times 4 = 24$. In the given statement, 6 and 4 are the and 24 is the
- (ii) The multiple of 3 and 5 is
- (iii) A number can have multiples.
- (iv) The fourth multiple of 6 is
- (v) The seventh multiple of 9 is
- (vi) Every number is a multiple of and
- (vii) 5, 10, 15, 20, 25 are multiples of

3. Write the first 3 odd multiples of:

- (i) 11
- (ii) 23
- (iii) 15
- (iv) 25
- (v) 21

(vi) 19

4. Write the multiples of:

- (i) 3 that are greater than 16 and less than 25
- (ii) 8 that are greater than 25 and less than 50
- (iii) 11 that are greater 85 and less than 115
- (iv) 15 that are less than 75
- (v) 20 that are between 70 and 110

5. Find all the factors of the given numbers.

- (i) 8
- (ii) 24
- (iii) 10
- (iv) 30
- (v) 15
- (vi) 36
- (vii) 16
- (viii) 28
- (ix) 23
- (x) 21

6. Check if:

- (i) 7 a factor of 44
- (ii) 10 a factor of 20
- (iii) 0 a factor of 25
- (iv) 8 a factor of 56

7. Write the smallest two-digit number that has:

- (i) 2, 3 and 7 as factors
- (ii) 2, 4 and 5 as factors
- (iii) 7 and 8 as factors

8. Write 'YES' if the first number is the factor of the second number else write 'NO'.

- (i) 5, 45
- (ii) 15, 275
- (iii) 8, 140
- (iv) 11, 363
- (v) 12, 150
- (vi) 13, 143

9. Find if 15 is a factor of 90.

10. Find if 17 is a factor of 51.

11. Which of the following are not factors of 12?

1, 2, 3, 4, 6, 8, 10, 12

12. Which of the following are not factors of 18?

1, 2, 3, 4, 6, 8, 9, 10, 12, 18