

Maths Worksheet

Class VI Algebra

Q1. Write in algebraic form:

- Neil and Neelu are brother, Neelu is younger than Neil by 5 years. Write Neelu's age in term of Neil's age.
- Ram has 10 less chocolates than Shyam. How many chocolates does Ram have?
- Manu scored in English 12 more than two-fifth of her score in science. If she scores, Y in Science. Find her score in English.

Q2. Find the rule that gives number of matchsticks:

Q3. The length of a rectangular field is 8 m less than 4 times the breath of the hall. What is the length, if the breath is 'n' m.

Q4. Quotient of m and n added to 5.

Q5. Write the following using numbers, literals and signs of basic operations:

- 8 less than the product of -3 and x.
- q divided by 7.
- 4 added to 3 times y.
- 2 times added to b.
- One- half of the sum of number x and y.

Q6. One apple weighs 75 gm and one orange weighs 40 gm. Determine the weight of x apples and y orange.

Q7. Rohit covers 7x cm in one step. What is the distance moved by him in 5x steps?

Q8. If there are x rows of chairs and each row contains x^2 chairs. Determine the total number of chairs.

Q9. Write down each of following in exponential form:

- $4a^3 \times 6ab^2 \times c^2$
- $5xy \times 3x^2y \times 7y^2$
- $a^3 \times 3ab^2 \times 2a^2b^2$

Q10. Write each of the following in product form-

- a^2b^5
- $8x^3$
- $7a^3b^4$
- $15a^9b^8c^6$
- $30x^4y^4z^5$
- $43p^{10}q^5r^{15}$
- $17p^{12}q^{20}$
- $29x^9y^8z^{20}$