

Maths-6

Chapter 4: Introduction to Algebra –Worksheet

MCQs

1. A symbol used to represent a number is called:

(a) Constant (b) Variable (c) Operation (d) Expression

2. In the expression $5x$, 5 is the:

(a) Variable (b) Coefficient (c) Operator (d) None

3. Which of the following is an algebraic expression?

(a) 25 (b) $x + 7$ (c) 8×5 (d) 100

4. $x - 3$ is read as:

(a) x multiplied by 3 (b) x plus 3 (c) x minus 3 (d) x divided by 3

5. If $x = 4$, then $3x =$

(a) 3 (b) 7 (c) 12 (d) 34

Fill in the Blanks

1. A quantity that does not change is called a _____.

2. A letter used in algebra to represent a number is called a _____.

3. In $7y$, 7 is the _____ of y .

4. $x + 8$ is an example of an algebraic _____.

5. The value of $2x$ when $x = 6$ is _____.

True or False

1. A variable can take different values. (True/False)

2. 9 is a variable. (True/False)

3. $x \times 1 = x$ for all values of x . (True/False)

4. $4x$ means $4 + x$. (True/False)

5. $x - 5$ is an algebraic expression. (True/False)