

CBSE Worksheet-44 CLASS - VI Mathematics (Algebra)

Choose correct option in questions 1 to 5.

1.	The side of a regular hexagon is denoted by l . Express the perimeter of the hexagon
	using l .

a. 6*l*

b. 5*l*

c. 4*l*

d. 3*l*

2. Give expression for 12 subtracted from *z*.

a. z + 12

b. z - 12

c. $z \times 12$

d. $z \div 12$

3. Which out of the following are expressions with numbers only?

a. y + 3

b. 8z

c. $(7 \times 20) - 8$

d. 5 - 5n

4. Take Meena's present age to be y years, what will be her age 6 years from now?

a. 6y

b. y-6

c. y/6

d. y + 6

5. State which of the following are equations (with a variable).

a. $5 \times 4 - 8 = 2x$

b. $7 = (11 \times 5) - (12 \times 4)$

c. z + 12 > 24

d. m > 2

Fill in the blanks:

_		
h.	The value of a variable is not	

7. The value of the _____ in an equation which satisfies the equation is called a solution to the equation.

8. An equation is expressed by saying that an expression with a variable is equal to a

9. The LHS of an equation is equal to its _____ only for a definite value of the variable in the equation.

10. Pick out the solution from the values given in the bracket next to each equation.

a. 5m = 60 (10, 5, 12, 15)

b. n + 12 = 20 (12, 8, 20, 0)

11. Complete the entries in the third column of the table.

S. No.	Equation	Value of variable	Equation satisfied (Yes/No)
a.	4 <i>l</i> = 20	<i>l</i> = 20	
b.	4 <i>l</i> = 20	<i>l</i> = 5	

12. Complete the entries in the third column of the table.

S. No.	Equation	Value of variable	Solution (Yes/No)
a.	x + 10 = 30	x = 10	
b.	p - 3 = 7	p = 10	



Answer key:

- 1. a
- 2. t
- 3. c
- 4. d
- 5. a
- 6. fixed
- 7. variable
- 8. fixed number
- 9. RHS
- 10. a. 12
 - b. 8
- 11. a. No
 - b. Yes
- 12. a. No
 - b. Yes