

Letter-Numbers and Algebraic Expressions

Class: Class 7 • Difficulty: Beginner • Time: 30 mins

Q1 • UNDERSTAND • MCQ

Shabnam's age = Aftab's age + 3. If a is 23 (Aftab's age in years), then what is Shabnam's age?

$a + 3$

$a - 3$

$a \times 3$

$a \div 3$

Q2 • APPLY • SHORT

Every L needs 2 matchsticks. So the number of matchsticks needed will be 2 times the number of L's. If there are 5 L's, how many matchsticks will be needed?

Q3 • UNDERSTAND • MCQ

Aftab's age = Shabnam's age – 3. If we again use the letter a to denote Aftab's age and the letter s to denote Shabnam's age, then the algebraic expression would be: $a = s - 3$, meaning 3 less than s. If s is 25, what is the value of a?

$s - 3$

$s + 3$

$s \times 3$

$$s \div 3$$

Answer Key

Q1: $a + 3$

Q2: 10

Q3: $s - 3$