Worksheet

OPERATORS IN JAVA

Chapter-5

1. **Convert the following mathematical expressions into java expressions.**

Mathematical Expression	Java Expression
(m + n) (n + k)	
ab + bc + ca	
$ut + 1/2at^2$	
$a^2 + b^2$	
$m = a^2 – b^2/(ab)$	

2. **State whether the following statement is true or false.**

(a) Counter always increases by 2. ....

(b) The prefix increment operator is written before the operand. ....

(c) Relational operators compare their operands to check if the operands are equal to (==), not equal to (!=), less than (<), less than equal to (<=), greater than (>), greater than equal to (>=) each other. ....

(d) Operators that act on one operand are called logical operators. ....

(e) A new operator is used to instantiate an object by dynamically allocating memory for it. ....

(f) An operator is a symbol or sign used to specify an operation to be performed. ....

(g) Dot (.) operator is used to invoke the member of a class or a package. ....

3. **Define the following.**

(a) New Operator

(b) Ternary operator

(c) Logical operator

(d) Relational operator

(e) Arithmetical operator

Grade: ⭐ ⭐ ⭐ ⭐ ⭐

Teacher's Signature: ....