**OBJECT ORIENTED PROGRAMMING**

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**Seatwork 1 – Chapter 2**

USING ARITHMETIC OPERATORS: Evaluate the following expressions or indicate why they are invalid if an illegal operand is used in the incorrect operand.

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| **EXPRESSIONS** | **RESULTS** |
| 1. (16 – 4) / 5 | VALID |
| 1. 8 +14 % 10 - 2 | VALID |
| 1. 20/3/4.0 | VALID |
| 1. 8%10 | VALID |
| 1. 5\*3-6%3+7 | VALID |
| 1. 42 / 3 % 7 | VALID |
| 1. 18 / 4 \* 4.0 | VALID |
| 1. (10 - 3.0) / 2 + 1 | VALID |
| 1. 2.5 + 1.25 \* 2 | VALID |
| 1. 63 % 16 % 4 | VALID |
| 1. 3.0 + 7 + 9 + -19 | VALID |
| 1. 6 + 2 / 2 + 1 \* 3 + 4 | VALID |
| 1. 'E' + 5 | VALID |
| 1. (char)('E' + 5) | VALID |
| 1. (double) (2 \* 4) % 3 | INVALID: it is invalid operand of types ‘double’ and ‘int’ to binary ‘operator %’ |
| 1. (double) 3 / 4 | VALID |
| 1. (int) 3.7 + 5.3 | VALID |
| 1. (int) (3.7+5.3) | VALID |
| 1. (int) (3.7+5.3) | VALID |
| 1. (int) (3.7+5.3) | VALID |