

CSCA08H Winter 2022 Worksheet: Arithmetic Operators

1. Arithmetic Operators

Without running the code, complete the table below by filling in the values that the expressions produce and the types of those values.

	Python Expression	Result	Type of Result
(a)	9 / 3	3.0	float
	9 // 3		
	9 % 3		

	Python Expression	Result	Type of Result
(b)	10 / 4		
	10 // 4		
	10 // 3		
	10 % 3		

2. Arithmetic Operators

For which positive integers n does $n \% 2$ produce 0? _____

For which positive integers n does $n \% 2$ produce 1? _____

3. Order of Precedence of Arithmetic Operators

In the table below, add parentheses to indicate the order that the operations are evaluated.

Python Expression	Python Expression Parenthesized
-2 + 4 * 7	(((-2) + (4 * 7)))
3 + 5 * 2	
4 + 8 / 2 ** 2 / -2	