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.

   (a)

Python Expression	Result	Type of Result
9 / 3	3.0	float
9 // 3	3	int
9 % 3	0	int

   (b)

Python Expression	Result	Type of Result
10 / 4	2.5	float
10 // 4	2	int
10 // 3	3	int
10 % 3	1	int

2. **Arithmetic Operators**

   For which positive integers n does n % 2 produce 0? _All   even   numbers_

   For which positive integers n does n % 2 produce 1? _All   odd   numbers_

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	(3 + (5 * 2))
4 + 8 / 2 ** 2 / -2	(4 + ((8 / (2 ** 2)) / (-2)))