### 7.1.1 Arithmetic operators

The arithmetic operators represent the operations of addition, subtraction, multiplication, division, modulo and remainder. Operands of these operators shall be of **integer** values (including derivations of **integer**) or floating‑point numbers (including derivations of **float**, containing numeric values only), except for **mod** and **rem** which shall be used with **integer** (including derivations of **integer**) types only.

~~NOTE: The special float values~~ **~~infinity~~**~~,~~ **~~-infinity~~** ~~and~~ **~~not\_a\_number~~** ~~are not to be used with arithmetic operators.~~

With **integer** types, the result type of arithmetic operations is **integer**. With float types, the result type of arithmetic operations is **float**.