### 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.

The usage of the special float values **infinity**, **-infinity** and **not\_a\_number** in arithmetic operators shall follow the rules defined in ANSI/IEEE 754 [6].

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