

Tuple types

A tuple type is a parenthesized, comma-separated list of types. 1-ary tuples require a comma after their element type to be disambiguated with a parenthesized type.

A tuple type has a number of fields equal to the length of the list of types. This number of fields determines the arity of the tuple. A tuple with n fields is called an n -ary tuple. For example, a tuple with 2 fields is a 2-ary tuple.

The tuple type with no fields() is also called the [Unit type](#)

Examples:

```
() // Unit type. (bool,) (u32, u256) (felt252, u16, Option)
```

Values of this type are constructed using [tuple expressions](#) . Tuples can be deconstructed using [patterns](#) .

[9.1.6 Never type](#) [9.1.8 Struct types](#) [ð§](#)