Python Data Types and Conversions

From \ To	int	float	complex	str	list	tuple	set	dict	bool
int	✅	✅	✅	✅	❌	❌	❌	❌	✅
float	✅	✅	✅	✅	❌	❌	❌	❌	✅
complex	❌	❌	✅	✅	❌	❌	❌	❌	✅
str	✅ (if numeric)	✅ (if numeric)	✅ (if numeric)	✅	✅ (iterable chars)	✅ (iterable chars)	✅ (if iterable)	❌	✅ (if non-empty)
list	❌	❌	❌	✅	✅	✅	✅	❌	✅ (if non-empty)
tuple	❌	❌	❌	✅	✅	✅	✅	❌	✅ (if non-empty)
set	❌	❌	❌	✅	✅	✅	✅	❌	✅ (if non-empty)
dict	❌	❌	❌	✅	❌	❌	❌	✅	✅ (if non-empty)
bool	✅	✅	✅	✅	❌	❌	❌	❌	✅