On planet Triozon, the inhabitants, the Trioz, have got only three fingers. Therefore, their numerical system is based on three symbols:

Our zero "0" is written:

• Our one "1" is written:

• Our two "2" is written: ⊗



In our numerical system, there are 10 different symbols to write down the numbers: "0", "1", "2", "3", "4", "5", "6", "7", "8", "9". To write down numbers bigger than "9", we have to use two symbols. The number following nine is written like this: "10".

On planet Triozon, It's for numbers bigger than two that they need to use several symbols.

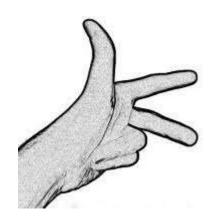
## For example:

• 3 is written: **⊙** ★

• 4 is written: • •

• 5 is written: **⊙**⊗

• Then 6 is written: ⊗★



## Questions:

- 1) Write down the numbers 7 then 8 in the Trioz number system.
- 2) From which number will Trioz number system use three symbols?
- 3) Write down in our numerical system the following Trioz number: •••
- 4) Write down 14, 16 and 20 in the Trioz number system.
- 5) Write down in our numerical system the following Trioz number : ⊗ ★
- 6) From which number will Trioz numerical system use four symbols?

