

#### A CURRENCY TABLE (Lithuania)

We can start the completion of the table from the filling in of the diagonal with 1.00's.

The other steps are based on the following considerations:

- if it is known that one unit of the currency  $c_1$  is worth  $m$  units of the currency  $c_2$ , then it is obvious that one unit of the currency  $c_2$  is worth  $1/m$  units of the currency  $c_1$ .
- if it is known that one unit of the currency  $c_1$  is worth  $m_1$  units of the currency  $c_2$  and one unit of the currency  $c_2$  is worth  $m_2$  units of the currency  $c_3$ , then one unit of the currency  $c_1$  is worth  $m_1 \times m_2$  units of the currency  $c_3$ .

However, it must be taken into consideration that it is not enough to review the table only once. If we have reviewed the table and succeeded to fill in at least one position, the table must be reviewed once again, because the newly filled in ratio can help to restore other ratios.