

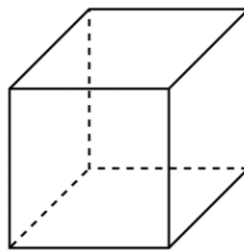
Good practices MATH_103BC_EN

Author's name and institution: **Ladislav Jaruska**, J. Selye University, Komárno, Slovakia

Description of the problem / exercise: **Net of a solid II.**

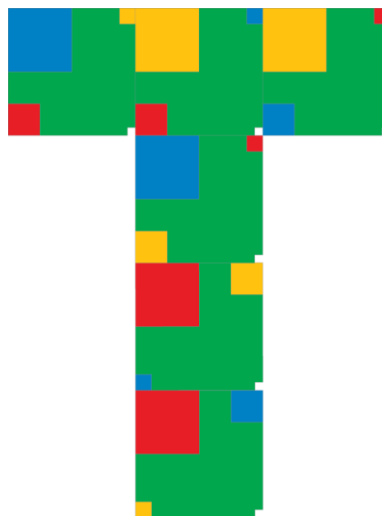
The following task belongs to the topic of geometry-solid geometry, different cases of a net of a solid object. Used sets: square.

Which object is in the next picture?

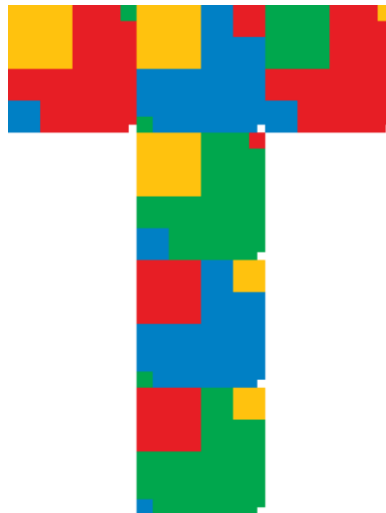


a) Create its net!

In the first part of the task, the net of the object can be created with elements of any color. E.g.



b) Create the net of the object (cube) so that the opposite surface faces are squares of the same base color and the adjacent side panels have a different base color.



- *Why this exercise is good:* Develops problem solving, logical thinking, inductive thinking, combinatorial thinking, spatial vision.
- *Level of teacher training:* Primary school upper grade, secondary school
- *School subject(s):* Mathematics