

Good practices LOGIC_806AB_EN

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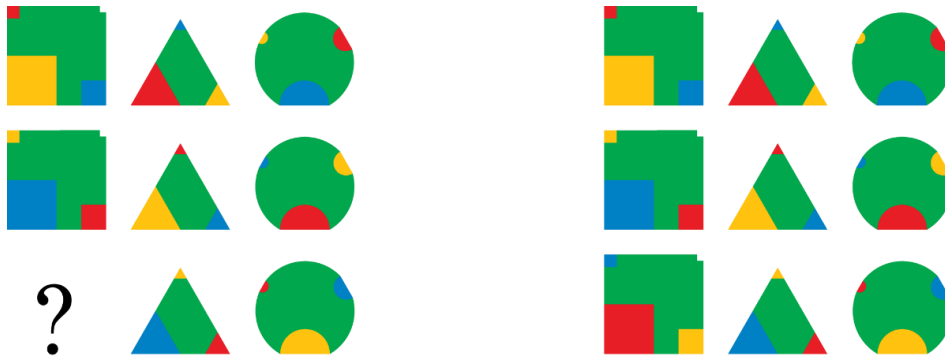
Description of the problem / exercise: **Complete by the rule!**

The following tasks belong to the topic of logic and logical thinking. There are different variations of a series of elements created according to a logical rule.

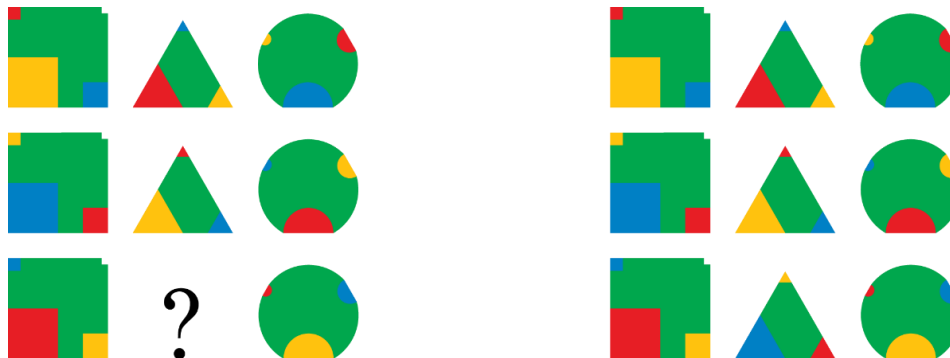
Basic elements used: triangle, circle, square.

Task: recognize the rule and complete the 3x3 layout below with the missing item.

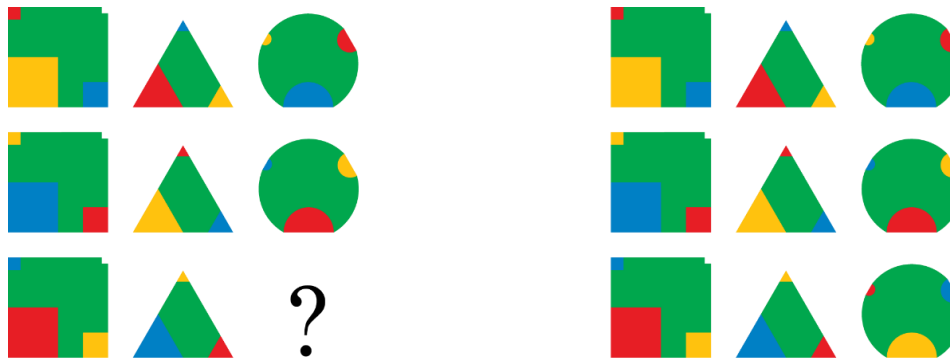
a)



b)



c)



The essence of the task:

- a) every basic element in each rows has different form
 - b) every basic element in each rows has the same base color
 - c) large, medium, small forms have different color in the same rows
- *Why this exercise is good:* The task develops problem solving, logical thinking, and inductive thinking. Developing creativity: students work in pairs or groups to create sequences of elements for each other.
 - *Level of teacher training:* Primary school lower and upper grades
 - *School subject(s):* Mathematics