

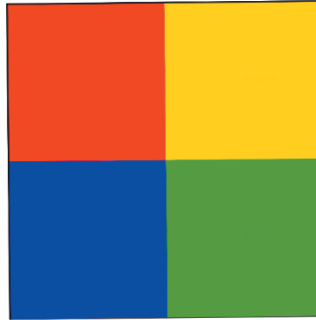


School:
Name of Student:
Sets: square
Further tools: paper, coloured pencil
Date:

STUDENT
PUSE Task Number
B
407

Description of the task:

Let's look at the following square:



- How many different colourings are there if we don't distinguish between cases that can be mapped onto each other by reflection or rotation?
- How many different colourings are there if cases that can be mapped onto each other by reflection are distinguished, but rotated ones are not?
- How many different colourings are there if we distinguish between cases that can be mapped onto each other by reflection or rotation as well?

Solution(s) of the task:

Remarks / Self-evaluation: