

School:

Name of Student:

Sets: square

Further tools: pencil, ruler

Date:

STUDEN1

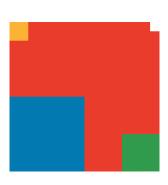
PUSE Task Number

Δ

115

Description of the task:

Find this square element.



Solution(s) of the task: Measure one of the sides. Ignore the small missing square. Note the result of your measurements. The results of the measurement: _____ cm; _____ mm How many sides do we need to measure in order to be able to calculate its perimeter? How long is the perimeter given in cm if we ignore the small square? How long is it given in mm?_____ Measure the sides of the smaller squares (blue, green, yellow) as well, and calculate the perimeter. The area of the blue square: _____ mm The area of the green square: ______cm; _____mm The area of the yellow square: _____ cm; ____ mm How many sides does the red segment have if we ignore the missing small square?_____ We would like to calculate the perimeter. Do we need to make further measurements? The perimeter of the red segment: Along the blue square: ______mm Along the green square: ______mm Along the yellow square: ______cm; ______mm Between the blue and the green squares: ______mm Adjacent to the blue square: ______cm; _____ mm Adjacent to the yellow square: ______cm; _____mm Between the yellow and the green squares: ______cm; _____mm The sum of the length of the ten sides: ______mm

Remarks / Self-evaluation: