

Geometry Puzzles

Practice

Cut a corner — what changes?

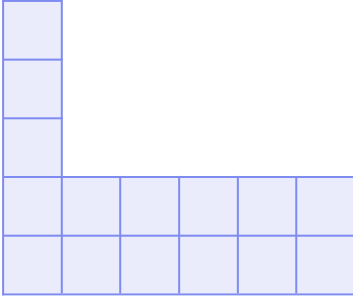
Name: _____

Date: _____

Think: Cutting a corner rectangle out SHRINKS the area but keeps the perimeter the SAME.

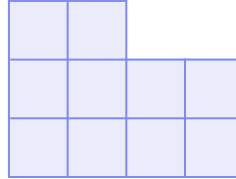
1. Solve each one. Reason it out!

- 1) A 3×5 corner was cut from this 5×6 rectangle. What is the AREA of the remaining shape, in square cm?



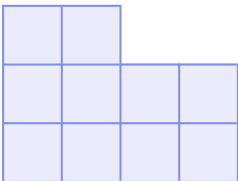
Answer: _____

- 2) A 1×2 corner was cut from this 3×4 rectangle. What is the PERIMETER of the remaining shape, in cm?



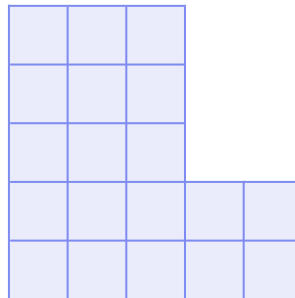
Answer: _____

- 3) A 1×2 corner was cut from this 3×4 rectangle. What is the AREA of the remaining shape, in square cm?



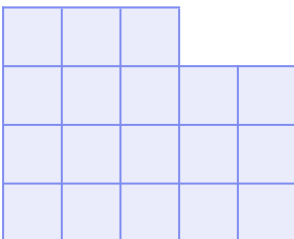
Answer: _____

- 4) A 3×2 corner was cut from this 5×5 rectangle. What is the AREA of the remaining shape, in square cm?



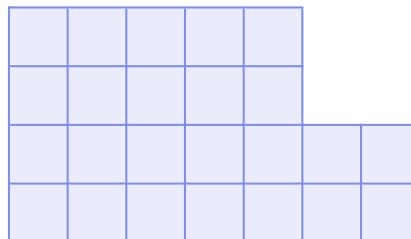
Answer: _____

- 5) A 1×2 corner was cut from this 4×5 rectangle. What is the PERIMETER of the remaining shape, in cm?



Answer: _____

- 6) A 2×2 corner was cut from this 4×7 rectangle. What is the AREA of the remaining shape, in square cm?



Answer: _____