



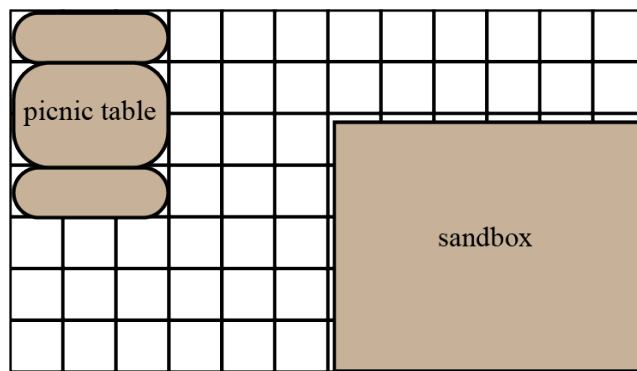
Problem of the Week

Problem A

Making Plans

Mr. Lee's Grade 4 class is going to create a play area for their school's daycare that includes a picnic table and a sandbox. They want square foam tiles under the entire play area (even under the sandbox and under the picnic table). There will be a rubber trim surrounding the play area to keep the tiles in place.

This is a picture of their plan. Each small square represents one square foam tile.



- How many foam tiles do the students need to complete this job?
- If each foam tile is 0.5 m by 0.5 m, how many metres of rubber trim is needed to surround the entire play area?