

Worksheet - Kitchen floor tiling design

Problem

In the context of moving to a new location you have to renew the ceramic tiles in the kitchen. For this you want to design a pattern with at least two types of tiles. And of course you want to calculate the costs as well.

Design a floor tiling using 2 types of square shaped tiles with different sizes. Make sure your design is independent of the size of the tiles and can be used in an arbitrary large room.

Explore the possibility of using rectangular tiles instead of square tiles and the possibility of using 3, 4 or 5 different types of tiles, eventually both squares and rectangular tiles.

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