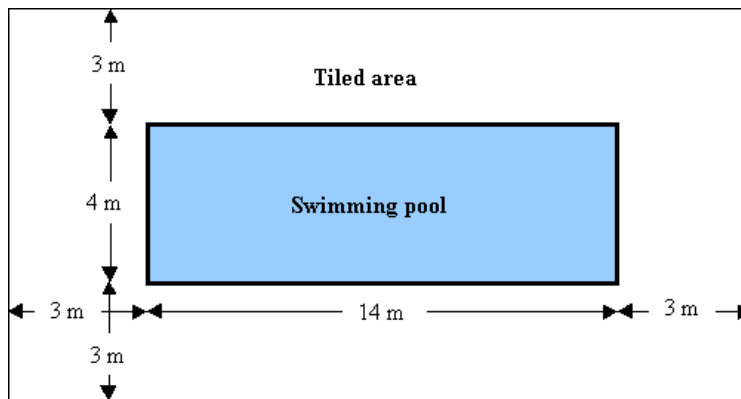


Tiling around the pool

This task is about working out the area, perimeter, and number of tiles needed for a swimming pool.



[Not drawn to scale]

Maxine's swimming pool is 14 metres by 4 metres. She plans to put tiles on the rest of her backyard space as shown in the diagram above.

a) What is the perimeter of the swimming pool? _____ m

b) Work out the **area** of the space to be tiled.
Show your working and put your answer in the box.

Area Maxine plans to tile = _____ m²

c) Each tile measures 500 mm × 500 mm. Work out how many tiles Maxine will need.
Show your working and put your answer in the box.

Maxine needs = _____ tiles