Problem of the Week
Problem A
The Fence

Agnes and her mother are building a fence around their backyard to keep their puppy safe. Their yard looks like the picture.

They start building the fence by placing one post at the back corner of the house. Then they add one fence post every meter around the yard until they put the final post at the other back corner of the house. Every corner of the yard has a post.
How many fence posts are needed altogether?