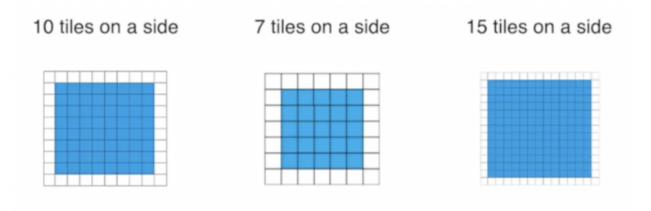
Haleemah and ET's method for finding the total number of tiles in the border of a square pool with 10 tiles on a side resulted in the arithmetic expression  $(10 \cdot 4) - 4 = 36$ .



1. a. Write an **algebra** equation that generalizes Haleemah's and ET's method for finding the number of tiles in the border of a pool with any number of tiles on one side.

b. For each variable you use, write a sentence explaining what that symbol means in the pool context.

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2. Create a sketch of a pool whose border has 25 tiles on a side. Explain where you see each part of your **algebra** equation represented in your drawing.

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