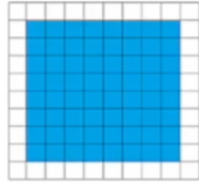
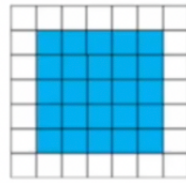


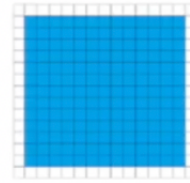
10 tiles on a side



7 tiles on a side



15 tiles on a side



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.

2. Create a sketch of a pool whose border has 50 tiles on a side. Explain where you see each part of your **algebra** equation represented in your drawing.

