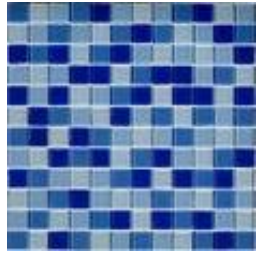


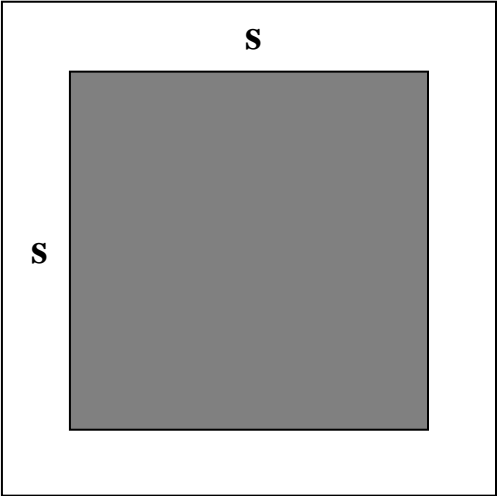


Concept Task



Surround the Pool

Hot tubs and in-ground swimming pools are sometimes surrounded by borders of tiles. This drawing shows a square swimming pool surrounded by a border of square tiles. Each tile measures 1 foot on each side.



1. Write an expression describing the total number of 1-foot square tiles needed for the border of the pool. Show how your expression can be seen in the drawing.

2. Solve the problem again using a different expression and explain how the second expression can be seen in the drawing.