

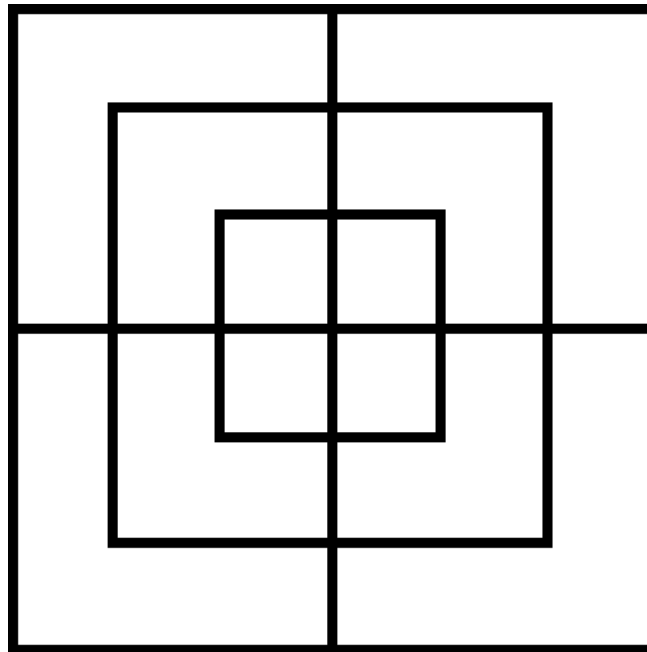
Week #1 Fall 2022



# Problem

of the Week

## Solution



How many squares are in the image above?

Solution: If the total picture is  $6 \times 6$ , then the number of squares by size is  $1 \times 1$ : 4,  $2 \times 2$ : 5,  $3 \times 3$ : 4,  $4 \times 4$ : 1,  $5 \times 5$ : 0,  $6 \times 6$ : 1 so in total there are 15 squares.