



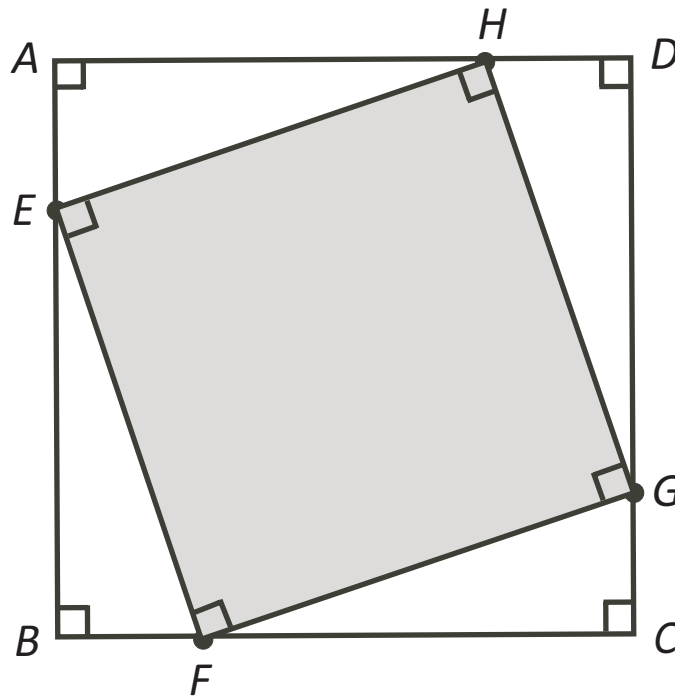
Problem of the Week

Problem C

The Inner Square

$ABCD$ is a square with area 64 m^2 . $E, F, G,$ and H are points on sides $AB, BC, CD,$ and $DA,$ respectively, such that $AE = BF = CG = DH = 2 \text{ m}$. $E, F, G,$ and H are connected to form square $EFGH$.

Determine the area of $EFGH$.



STRANDS GEOMETRY AND SPATIAL SENSE, MEASUREMENT

