New Concepts

Problem Set #23

"They know enough who know how to learn."

- Henry Adams

New Postulates and Theorems

Exercises:

p.149 #3-10,13

Problems:

23-1 Square within a square

Square ABCD with side length 12 is drawn. The midpoint of each side is found (for example, E is the midpoint of $\overline{AB}$. The subsequent midpoints are found (for example, F is the midpoint of $\overline{AE}$. Segments are then drawn to connect each vertex of ABCD with opposite midpoints as shown. What is the area of quadrilateral GHIJ ?