

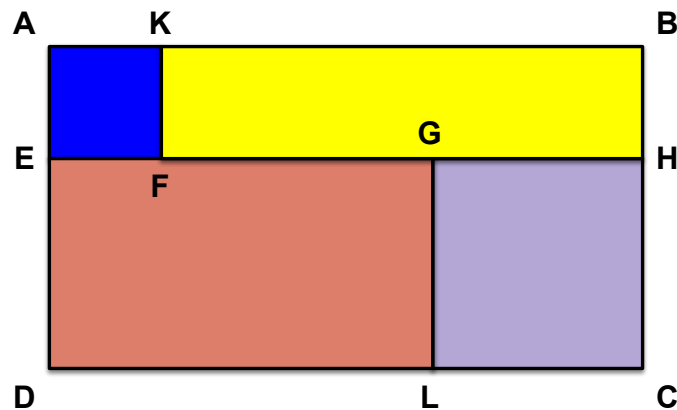


Problem of the Week

Problem A

Area Issues

The employees of Sew Inspired need to make a quilt for a special puzzle project. They draw a pattern for the four pieces of cloth they will cut for each section. The pattern includes two square pieces (**AKFE** and **GHCL**), and two rectangular pieces (**KBHF** and **EGLD**).



The area of the piece **AKFE** is 4 square units. The area of the piece **GHCL** is 9 square units. The points **E**, **F**, **G**, and **H** are on the same straight line, and the line segment **FG** is 5 units long.

What is the area of the rectangular section **ABCD**?

STRANDS MEASUREMENT, GEOMETRY AND SPATIAL SENSE,
NUMBER SENSE AND NUMERATION

