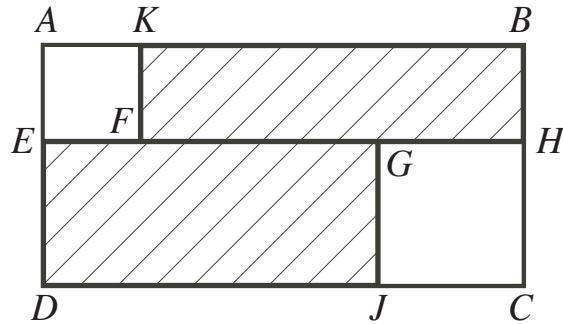




## Problem of the Week Grade 7 to 8

### Shady Rectangles



A rectangle  $ABCD$  has a square  $AEFK$  of area  $4 \text{ cm}^2$  and a square of area  $9 \text{ cm}^2$  removed. If  $EFGH$  is a straight line segment and  $FG = 5 \text{ cm}$ , determine the total area of the two shaded rectangles.

