

## Measurements: Ceramic Tile Setter

**Davis Tile**

**Job Description:** Installs ceramic tile.

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### Problem:

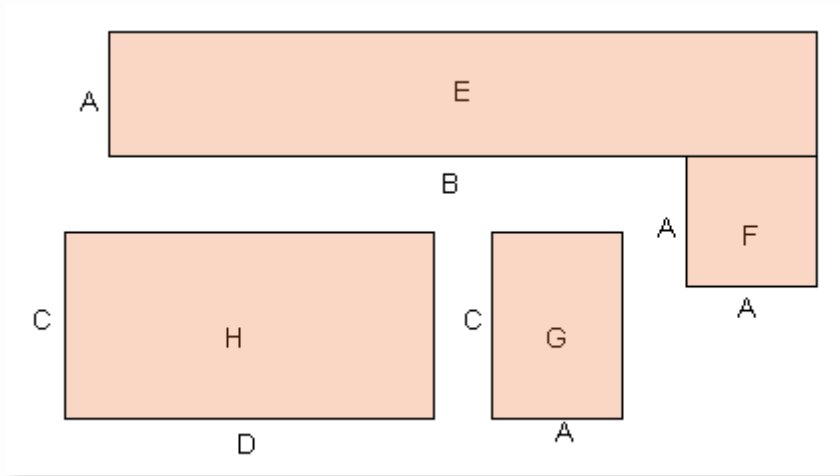
Find the total square footage in the countertop illustrated.

$A = 2'$

$B = 11'$

$C = 3'$

$D = 6'$



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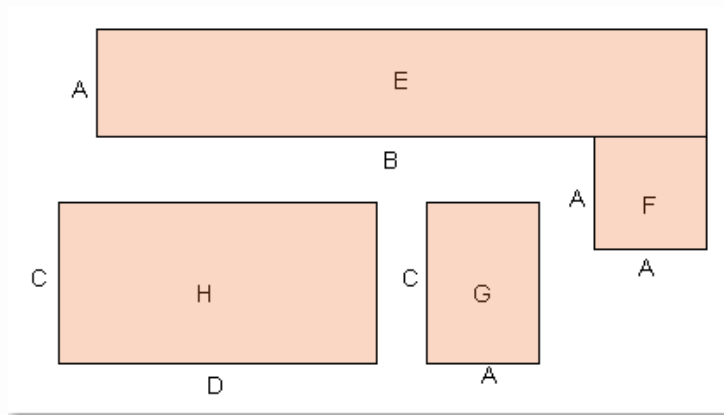
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### Solution:

$$A \times (B + A) = E \qquad 2 \times 13 = 26 \text{ ft}^2$$

$$A \times A = F \qquad 2 \times 2 = 4 \text{ ft}^2$$

$$A \times C = G \qquad 2 \times 3 = 6 \text{ ft}^2$$

$$C \times D = H \qquad 3 \times 6 = 18 \text{ ft}^2$$

$$E + F + G + H = \text{Total area of countertop} = 54 \text{ ft}^2$$