

Measurements: Ceramic Tile Setter

Davis Tile

Job Description: Installs ceramic tile.

Problem:

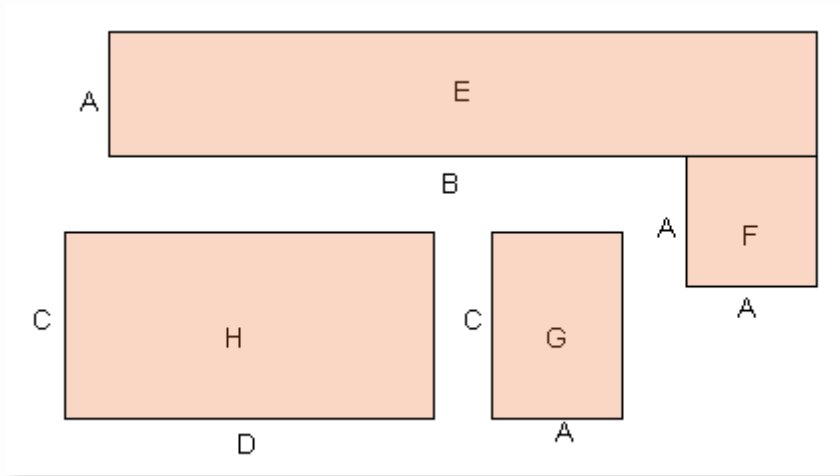
Find the total square footage in the countertop illustrated.

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$B = 11'$

$C = 3'$

$D = 6'$



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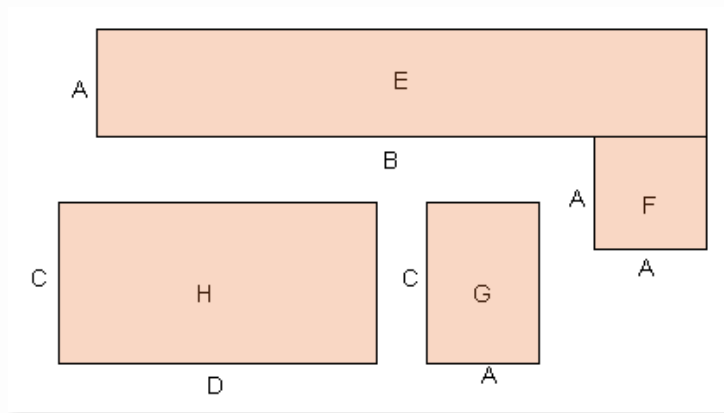
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$$A = 2'$$

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Solution:

$$A \times (B + A) = E$$

$$2 \times 13 = 26 \text{ ft}^2$$

$$A \times A = F$$

$$2 \times 2 = 4 \text{ ft}^2$$

$$A \times C = G$$

$$2 \times 3 = 6 \text{ ft}^2$$

$$C \times D = H$$

$$3 \times 6 = 18 \text{ ft}^2$$

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