

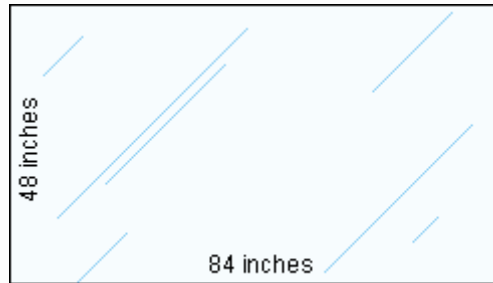
Geometry/Numbers & Operations/Measurements: Glass Installer

Klassic Glass & More

Job Description: Cut and install glass - both auto and residential.

Problem:

You need to cut a mirror, but all of the measurements are in inches instead of feet. Find the length of each side in feet to cut a piece of glass and find the total square feet in the mirror.



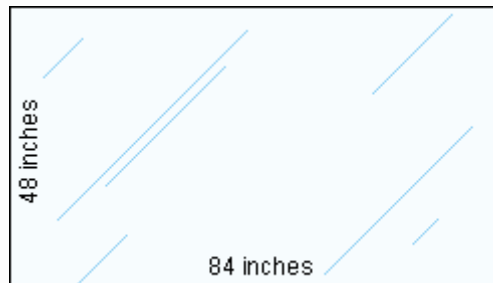
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Solution:

$$48 \text{ inches} \div 12 \text{ in/ft} = 4 \text{ feet (width)}$$

$$84 \text{ inches} \div 12 \text{ in/ft} = 7 \text{ feet (length)}$$

$$4 \text{ ft} \times 7 \text{ ft} = 28 \text{ square feet in mirror}$$