

## Geometry/Numbers & Operations/Measurements: Glass Installer

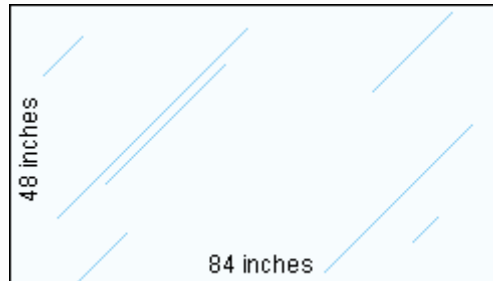
**Klassic Glass & More**

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

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### 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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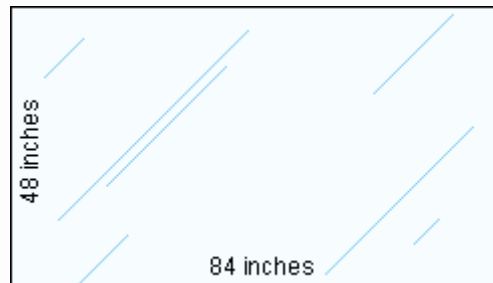
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### Solution:

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

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

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