#1

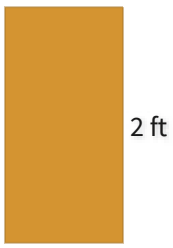
A table top has sides of 2 feet and 2 feet. What is the area?

square feet

Show your work

#2

What is the area of this figure?

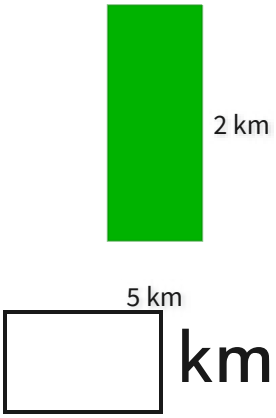


ft^2

Show your work

#3

What is the area of this figure?



km^2

Show your work

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#4

What is the area of this figure?

mm^2

Show your work

#5

Emily lives on the International Space Station. In order to calculate the power gained by the solar panels, Emily needs to find their area. If a square panel is 2 feet long then what is the area?

square feet

Show your work

#6

Sarah lives on the International Space Station. In order to calculate the power gained by the solar panels, Sarah needs to find their area. If a square panel is 1 foot long then what is the area?

square feet

Show your work

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#7

An area rug has side lengths of 3 feet by 1 foot. What is the rug's area?

square feet

Show your work

#8

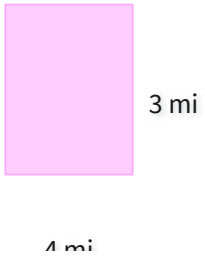
Matthew is an engineer and has to design the solar sail for the propulsion system of a new spacecraft. The larger the area of the sail, the greater thrust it will gain from the solar radiation. If the square sail has sides of 2 feet then what is its area?

square feet

Show your work

#9

What is the area of this figure?



- $12\ mi^2$
- $16\ mi^2$
- $10\ mi^2$
- $13\ mi^2$

Show your work

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#10

Each side of a square piece of cardboard is 2 feet long. What is the piece of cardboard's area?

square feet

Show your work

#11

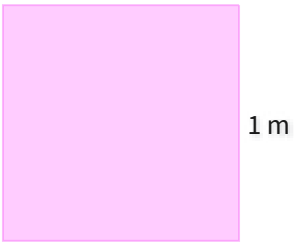
A table top has sides of 1 foot and 2 feet. What is the area?

square feet

Show your work

#12

What is the area of this figure?



1 m

m^2

Show your work

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Question	Answer
#1	4
#2	8
#3	10
#4	3
#5	4
#6	1
#7	3
#8	4
#9	choice 1
#10	4
#11	2
#12	1

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