



#1

A table top has sides of 3 feet and 5 feet. What is the area?

square feet

Show your work

#2

In order to determine how much seed to buy, Noah needs to find the area of a rectangular plot of farm land. What is the area if the width is 1 kilometer and the height is 1 kilometer?

square kilometers

Show your work

#3

In order to find the amount of flooring Savannah needs to buy, find the the area of a rectangular room that has a width of 3 meters and a height of 3 meters.

square meters

Show your work



#4

Hannah lives on the International Space Station. In order to calculate the power gained by the solar panels, Hannah needs to find their area. If a square panel is 4 feet long then what is the area?

 square feet

Show your work

#5

Addison 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 1 foot then what is its area?

 square feet

Show your work

#6

A square table has sides of 3 feet. What is the area?

 square feet

Show your work



#7

In order to determine how much seed to buy, Jayden needs to find the area of a square plot of farm land. What is the area if the width and height is 3 kilometers?

 square kilometers

Show your work

#8

Each side of a square piece of cardboard is 1 foot long. What is the piece of cardboard's area?

 square feet

Show your work

#9

In order to determine how much seed to buy, Kaylee needs to find the area of a square plot of farm land. What is the area if the width and height is 5 kilometers?

 square kilometers

Show your work



#10

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

 square feet

Show your work

#11

Sophia lives on the International Space Station. In order to calculate the power gained by the solar panels, Sophia needs to find their area. If a rectangular panel is 4 feet long and 2 feet wide then what is the area?

 square feet

Show your work

#12

Isabelle 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



Question	Answer
#1	15
#2	1
#3	9
#4	16
#5	1
#6	9
#7	9
#8	1
#9	25
#10	1
#11	8
#12	4