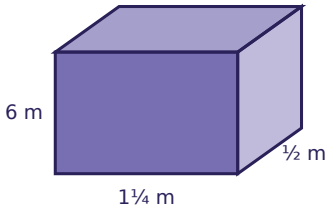
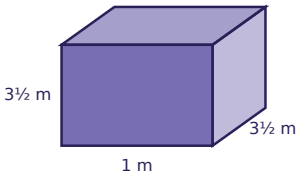
Volume with Fractional Edge Lengths · 1

Find the volume of the rectangular prism in cubic meters.



Volume with Fractional Edge Lengths · 2

How many cubes with $\frac{1}{2}$-meter edges are needed to fill the box?

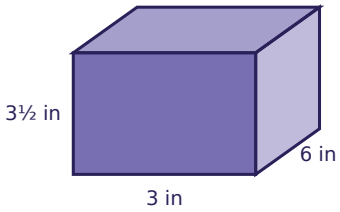


Volume with Fractional Edge Lengths · 3

A prism has a base area of $9\frac{1}{2}$ square feet and a height of 6 feet. Use V = Bh to find its volume in cubic feet.

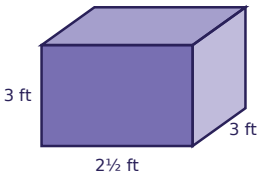
Volume with Fractional Edge Lengths · 4

Find the volume of the rectangular prism in cubic inches.



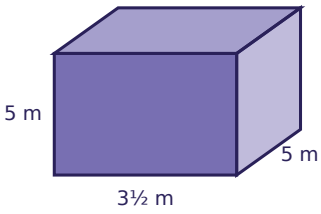
Volume with Fractional Edge Lengths · 5

How many cubes with $\frac{1}{2}$-foot edges are needed to fill the box?



Volume with Fractional Edge Lengths · 6

Find the volume of the rectangular prism in cubic meters.

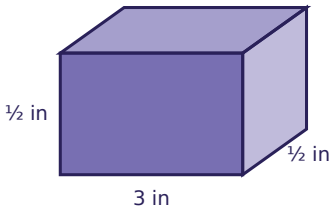


Volume with Fractional Edge Lengths · 7

A prism has a base area of $6\frac{3}{4}$ square meters and a height of 6 meters. Use V = Bh to find its volume in cubic meters.

Volume with Fractional Edge Lengths · 8

Find the volume of the rectangular prism in cubic inches.



Volume with Fractional Edge Lengths · 2

ANSWER

98

Volume with Fractional Edge Lengths · 1

ANSWER

$$3\frac{3}{4}$$

Volume with Fractional Edge Lengths · 4

ANSWER

63

Volume with Fractional Edge Lengths · 3

ANSWER

57

Volume with Fractional Edge Lengths · 6

ANSWER

$$87\frac{1}{2}$$

Volume with Fractional Edge Lengths · 5

ANSWER

180

Volume with Fractional Edge Lengths · 8

ANSWER

$$\frac{3}{4}$$

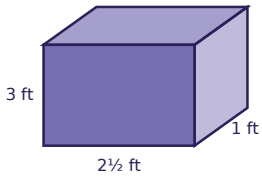
Volume with Fractional Edge Lengths · 7

ANSWER

$$40\frac{1}{2}$$

Volume with Fractional Edge Lengths · 9

How many cubes with $\frac{1}{2}$-foot edges are needed to fill the box?

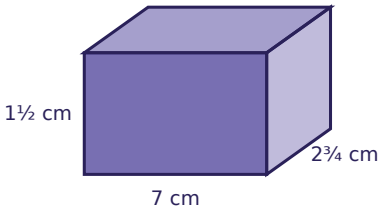


Volume with Fractional Edge Lengths · 10

A prism has a base area of $10\ \frac{1}{2}$ square inches and a height of $2\ \frac{3}{4}$ inches. Use V = Bh to find its volume in cubic inches.

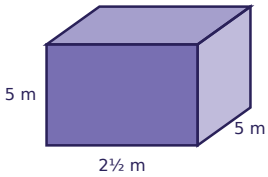
Volume with Fractional Edge Lengths · 11

Find the volume of the rectangular prism in cubic centimeters.



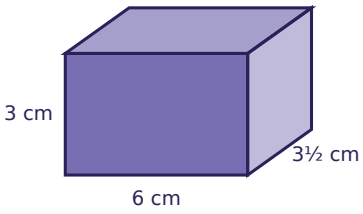
Volume with Fractional Edge Lengths · 12

How many cubes with $\frac{1}{2}$-meter edges are needed to fill the box?



Volume with Fractional Edge Lengths · 13

Find the volume of the rectangular prism in cubic centimeters.

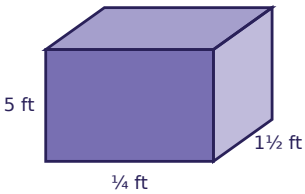


Volume with Fractional Edge Lengths · 14

A prism has a base area of $3\ \frac{1}{2}$ square meters and a height of $1\ \frac{1}{2}$ meters. Use V = Bh to find its volume in cubic meters.

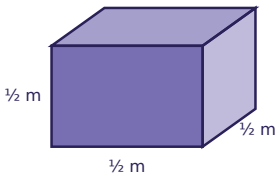
Volume with Fractional Edge Lengths · 15

Find the volume of the rectangular prism in cubic feet.



Volume with Fractional Edge Lengths · 16

Each edge of the cube is $\frac{1}{2}$ meter long. Find its volume in cubic meters.



Volume with Fractional Edge Lengths · 10

ANSWER

$28\frac{7}{8}$

Volume with Fractional Edge Lengths · 9

ANSWER

60

Volume with Fractional Edge Lengths · 12

ANSWER

500

Volume with Fractional Edge Lengths · 11

ANSWER

$28\frac{7}{8}$

Volume with Fractional Edge Lengths · 14

ANSWER

$5\frac{1}{4}$

Volume with Fractional Edge Lengths · 13

ANSWER

63

Volume with Fractional Edge Lengths · 16

ANSWER

$\frac{1}{8}$

Volume with Fractional Edge Lengths · 15

ANSWER

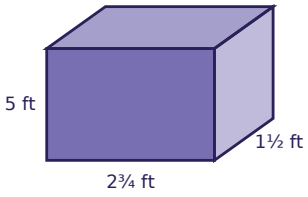
$1\frac{7}{8}$

Volume with Fractional Edge Lengths · 17

A prism has a base area of $4\frac{1}{4}$ square meters and a height of $1\frac{1}{2}$ meters. Use $V = Bh$ to find its volume in cubic meters.

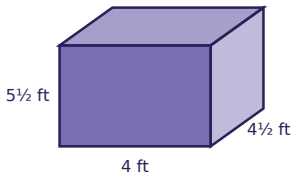
Volume with Fractional Edge Lengths · 18

Find the volume of the rectangular prism in cubic feet.



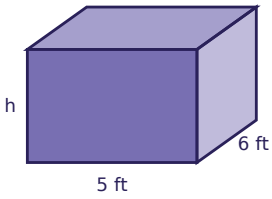
Volume with Fractional Edge Lengths · 19

How many cubes with $\frac{1}{2}$-foot edges are needed to fill the box?



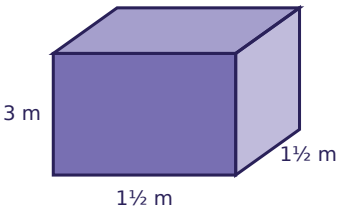
Volume with Fractional Edge Lengths · 20

A rectangular prism has a volume of 45 cubic feet. Its length is 5 feet and its width is 6 feet. What is its height, in feet?



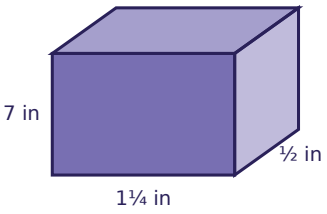
Volume with Fractional Edge Lengths · 21

Find the volume of the rectangular prism in cubic meters.



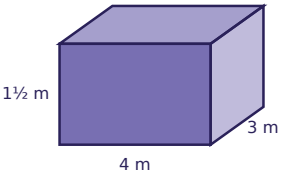
Volume with Fractional Edge Lengths · 22

Find the volume of the rectangular prism in cubic inches.



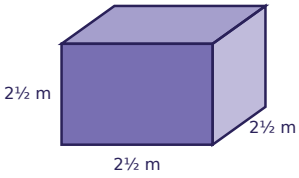
Volume with Fractional Edge Lengths · 23

How many cubes with $\frac{1}{2}$-meter edges are needed to fill the box?



Volume with Fractional Edge Lengths · 24

Each edge of the cube is $2\frac{1}{2}$ meters long. Find its volume in cubic meters.



Volume with Fractional Edge Lengths · 18

ANSWER

$20\frac{5}{8}$

Volume with Fractional Edge Lengths · 17

ANSWER

$6\frac{3}{8}$

Volume with Fractional Edge Lengths · 20

ANSWER

$1\frac{1}{2}$

Volume with Fractional Edge Lengths · 19

ANSWER

792

Volume with Fractional Edge Lengths · 22

ANSWER

$4\frac{3}{8}$

Volume with Fractional Edge Lengths · 21

ANSWER

$6\frac{3}{4}$

Volume with Fractional Edge Lengths · 24

ANSWER

$15\frac{5}{8}$

Volume with Fractional Edge Lengths · 23

ANSWER

144