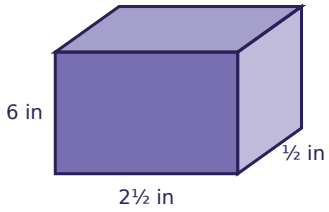
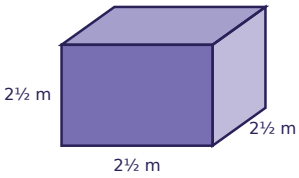
Volume with Fractional Edge Lengths · 1

Find the volume of the rectangular prism in cubic inches.



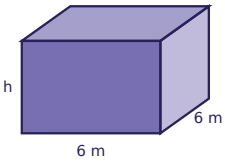
Volume with Fractional Edge Lengths · 2

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



Volume with Fractional Edge Lengths · 3

A rectangular prism has a volume of 153 cubic meters. Its length is 6 meters and its width is 6 meters. What is its height, in meters?

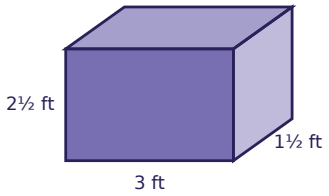


Volume with Fractional Edge Lengths · 4

A prism has a base area of $7\frac{3}{4}$ square meters and a height of $2\frac{1}{2}$ meters. Use $V = Bh$ to find its volume in cubic meters.

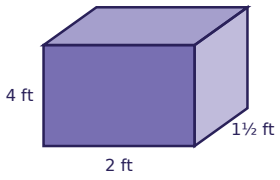
Volume with Fractional Edge Lengths · 5

Find the volume of the rectangular prism in cubic feet.



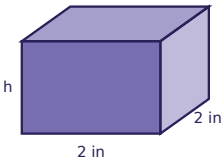
Volume with Fractional Edge Lengths · 6

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



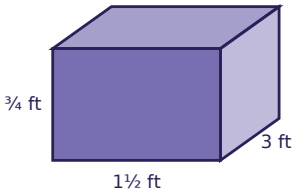
Volume with Fractional Edge Lengths · 7

A rectangular prism has a volume of 18 cubic inches. Its length is 2 inches and its width is 2 inches. What is its height, in inches?



Volume with Fractional Edge Lengths · 8

Find the volume of the rectangular prism in cubic feet.



Volume with Fractional Edge Lengths · 2

ANSWER

$15\frac{5}{8}$

Volume with Fractional Edge Lengths · 1

ANSWER

$7\frac{1}{2}$

Volume with Fractional Edge Lengths · 4

ANSWER

$19\frac{3}{8}$

Volume with Fractional Edge Lengths · 3

ANSWER

$4\frac{1}{4}$

Volume with Fractional Edge Lengths · 6

ANSWER

96

Volume with Fractional Edge Lengths · 5

ANSWER

$11\frac{1}{4}$

Volume with Fractional Edge Lengths · 8

ANSWER

$3\frac{3}{8}$

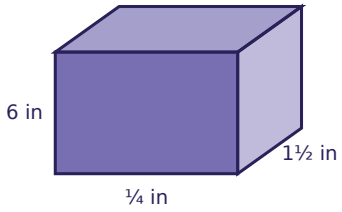
Volume with Fractional Edge Lengths · 7

ANSWER

$4\frac{1}{2}$

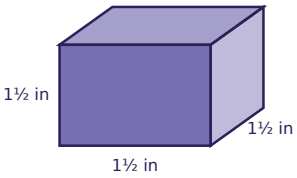
Volume with Fractional Edge Lengths · 9

Find the volume of the rectangular prism in cubic inches.



Volume with Fractional Edge Lengths · 10

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

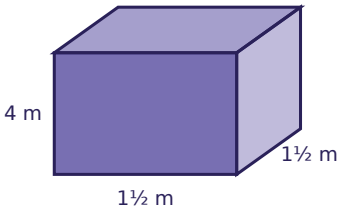


Volume with Fractional Edge Lengths · 11

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

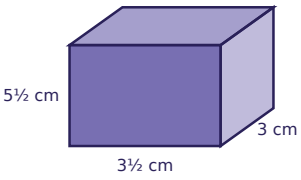
Volume with Fractional Edge Lengths · 12

Find the volume of the rectangular prism in cubic meters.



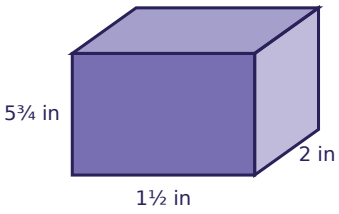
Volume with Fractional Edge Lengths · 13

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



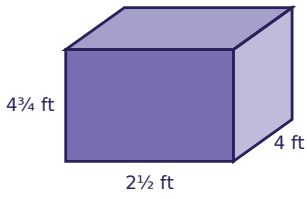
Volume with Fractional Edge Lengths · 14

Find the volume of the rectangular prism in cubic inches.



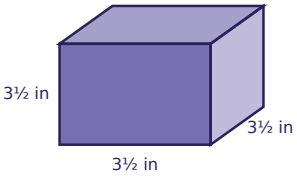
Volume with Fractional Edge Lengths · 15

Find the volume of the rectangular prism in cubic feet.



Volume with Fractional Edge Lengths · 16

Each edge of the cube is $3\frac{1}{2}$ inches long. Find its volume in cubic inches.



Volume with Fractional Edge Lengths · 10

ANSWER

$3\frac{3}{8}$

Volume with Fractional Edge Lengths · 9

ANSWER

$2\frac{1}{4}$

Volume with Fractional Edge Lengths · 12

ANSWER

9

Volume with Fractional Edge Lengths · 11

ANSWER

$16\frac{1}{4}$

Volume with Fractional Edge Lengths · 14

ANSWER

$17\frac{1}{4}$

Volume with Fractional Edge Lengths · 13

ANSWER

462

Volume with Fractional Edge Lengths · 16

ANSWER

$42\frac{7}{8}$

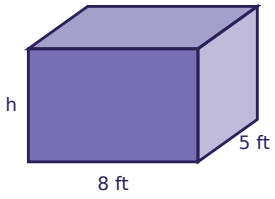
Volume with Fractional Edge Lengths · 15

ANSWER

$47\frac{1}{2}$

Volume with Fractional Edge Lengths · 17

A rectangular prism has a volume of 30 cubic feet. Its length is 8 feet and its width is 5 feet. What is its height, in feet?

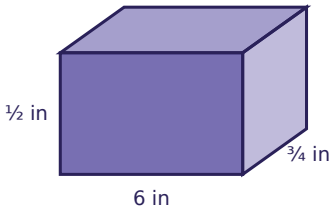


Volume with Fractional Edge Lengths · 18

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

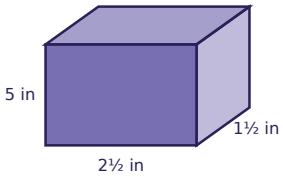
Volume with Fractional Edge Lengths · 19

Find the volume of the rectangular prism in cubic inches.



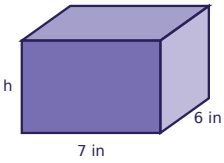
Volume with Fractional Edge Lengths · 20

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



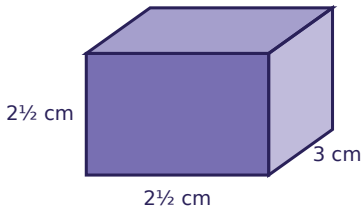
Volume with Fractional Edge Lengths · 21

A rectangular prism has a volume of 189 cubic inches. Its length is 7 inches and its width is 6 inches. What is its height, in inches?



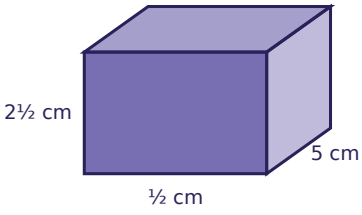
Volume with Fractional Edge Lengths · 22

Find the volume of the rectangular prism in cubic centimeters.



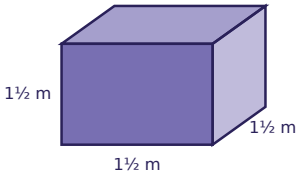
Volume with Fractional Edge Lengths · 23

Find the volume of the rectangular prism in cubic centimeters.



Volume with Fractional Edge Lengths · 24

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



Volume with Fractional Edge Lengths · 18

ANSWER

$\frac{7}{8}$

Volume with Fractional Edge Lengths · 17

ANSWER

$\frac{3}{4}$

Volume with Fractional Edge Lengths · 20

ANSWER

150

Volume with Fractional Edge Lengths · 19

ANSWER

$2\frac{1}{4}$

Volume with Fractional Edge Lengths · 22

ANSWER

$18\frac{3}{4}$

Volume with Fractional Edge Lengths · 21

ANSWER

$4\frac{1}{2}$

Volume with Fractional Edge Lengths · 24

ANSWER

$3\frac{3}{8}$

Volume with Fractional Edge Lengths · 23

ANSWER

$6\frac{1}{4}$