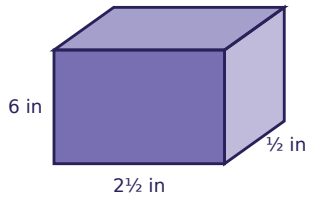
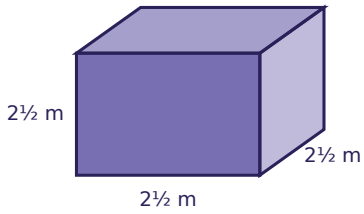
Task card 1 Volume with Fractional Edge Length...

Find the volume of the rectangular prism in cubic inches.



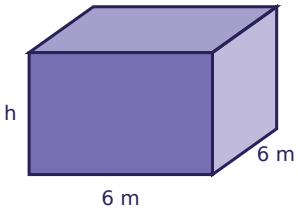
Task card 2 Volume with Fractional Edge Length...

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



Task card 3 Volume with Fractional Edge Length...

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?

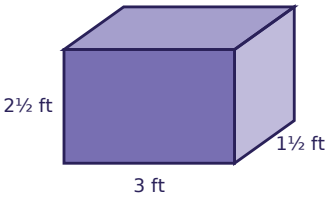


Task card 4 Volume with Fractional Edge Length...

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.

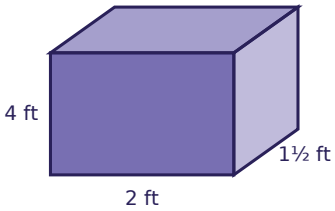
Task card 5 Volume with Fractional Edge Length...

Find the volume of the rectangular prism in cubic feet.



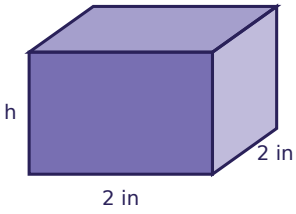
Task card 6 Volume with Fractional Edge Length...

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



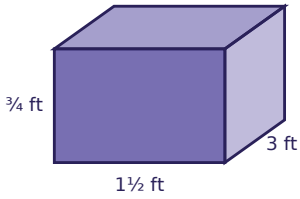
Task card 7 Volume with Fractional Edge Length...

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?



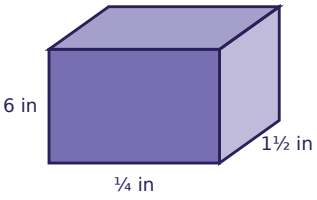
Task card 8 Volume with Fractional Edge Length...

Find the volume of the rectangular prism in cubic feet.



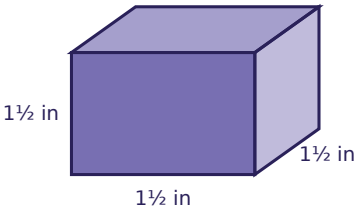
Task card 9 Volume with Fractional Edge Length...

Find the volume of the rectangular prism in cubic inches.



Task card 10 Volume with Fractional Edge Length...

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

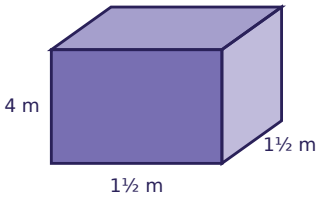


Task card 11 Volume with Fractional Edge Length...

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.

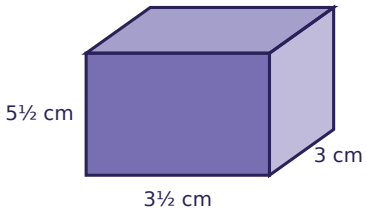
Task card 12 Volume with Fractional Edge Length...

Find the volume of the rectangular prism in cubic meters.



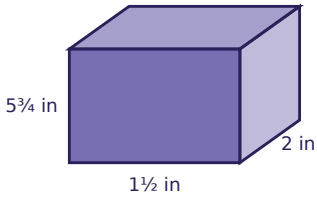
Task card 13 Volume with Fractional Edge Length...

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



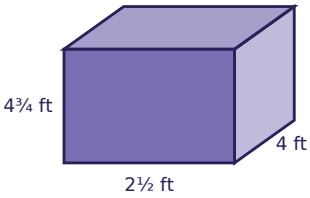
Task card 14 Volume with Fractional Edge Length...

Find the volume of the rectangular prism in cubic inches.



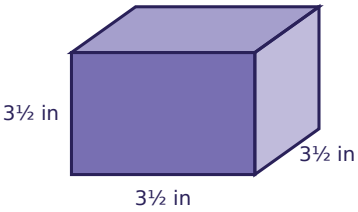
Task card 15 Volume with Fractional Edge Length...

Find the volume of the rectangular prism in cubic feet.



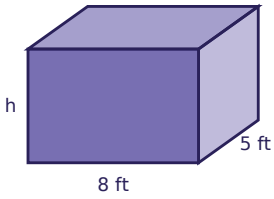
Task card 16 Volume with Fractional Edge Length...

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



Task card 17 Volume with Fractional Edge Length...

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?

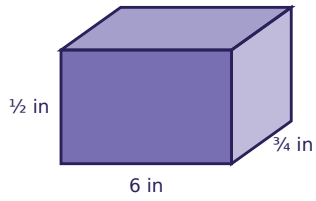


Task card 18 Volume with Fractional Edge Length...

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.

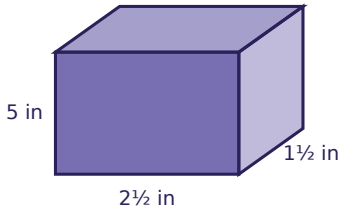
Task card 19 Volume with Fractional Edge Length...

Find the volume of the rectangular prism in cubic inches.



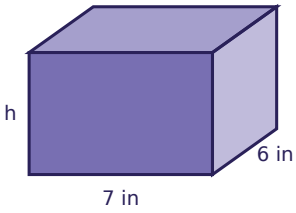
Task card 20 Volume with Fractional Edge Length...

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



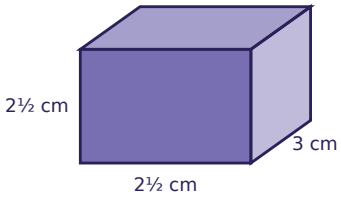
Task card 21 Volume with Fractional Edge Length...

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?



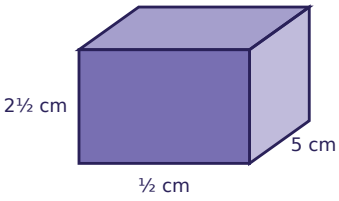
Task card 22 Volume with Fractional Edge Length...

Find the volume of the rectangular prism in cubic centimeters.



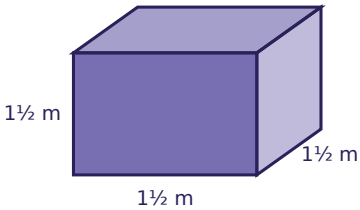
Task card 23 Volume with Fractional Edge Length...

Find the volume of the rectangular prism in cubic centimeters.



Task card 24 Volume with Fractional Edge Length...

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



Volume with Fractional Edge Lengths Task Cards

Recording sheet · Grade 6 · Find each volume or missing length. Write fractions in simplest form, using mixed numbers when needed.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Volume with Fractional Edge Lengths Task Cards: Answer Key

Grade 6 · Hard

The answers online

1. $7\frac{1}{2}$	**2.** $15\frac{5}{8}$	**3.** $4\frac{1}{4}$
4. $19\frac{3}{8}$	**5.** $11\frac{1}{4}$	**6.** 96
7. $4\frac{1}{2}$	**8.** $3\frac{3}{8}$	**9.** $2\frac{1}{4}$
10. $3\frac{3}{8}$	**11.** $16\frac{1}{4}$	**12.** 9
13. 462	**14.** $17\frac{1}{4}$	**15.** $47\frac{1}{2}$
16. $42\frac{7}{8}$	**17.** $\frac{3}{4}$	**18.** $\frac{7}{8}$
19. $2\frac{1}{4}$	**20.** 150	**21.** $4\frac{1}{2}$
22. $18\frac{3}{4}$	**23.** $6\frac{1}{4}$	**24.** $3\frac{3}{8}$