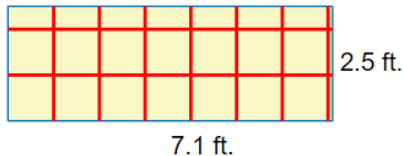


Volume of a Rectangular Prism

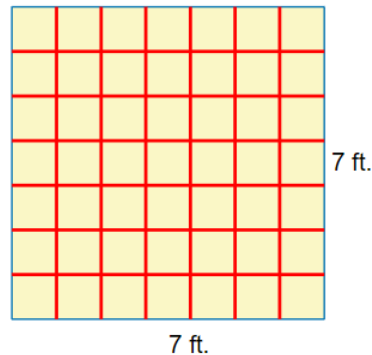
Warmup

1. Calculate the area of the rectangle.



2. Multiply: $(\frac{3}{4})(3\frac{4}{10})$

3. Calculate the area of the square.



Lesson #

72

Volume of a Rectangular Prism

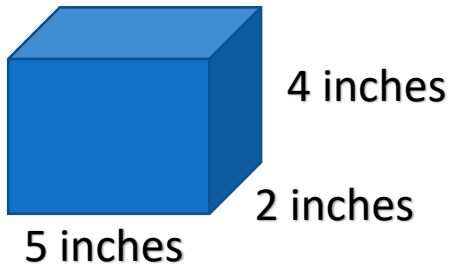
Date

I. Volume

II. Volume of a Cube

I. Volume

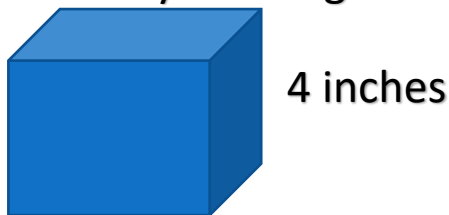
Volume: The number of cubic units inside a 3-dimensional shape



1. Calculate the area of the base



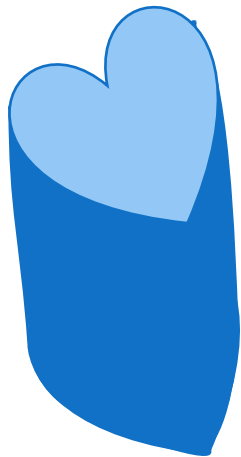
2. Multiply the area of the base by the height



Volume = length x width x height

cubic units

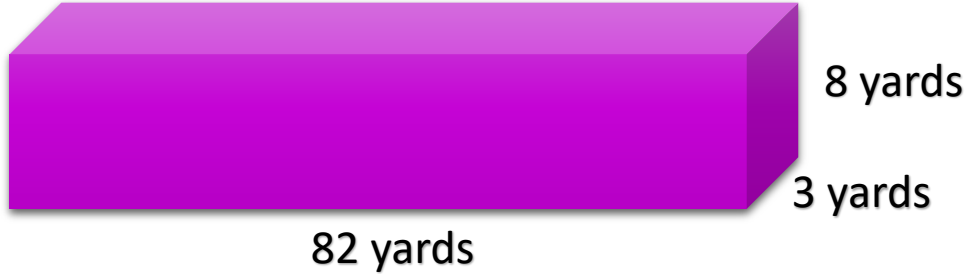
Calculate the volume of the heart-shaped box given that the area of the base (heart) is 25 square inches. The height of the box is 8 inches.



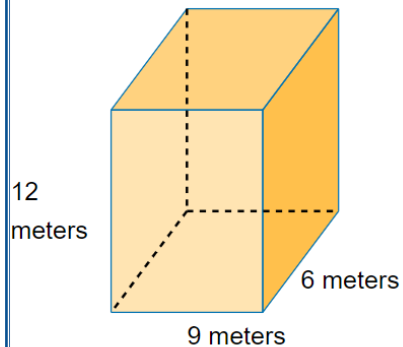
8 inches



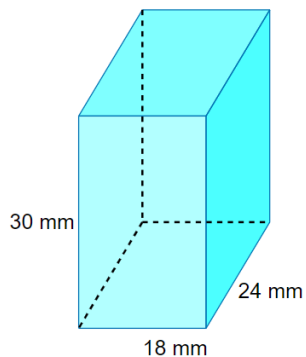
Calculate the volume of the purple rectangular prism.



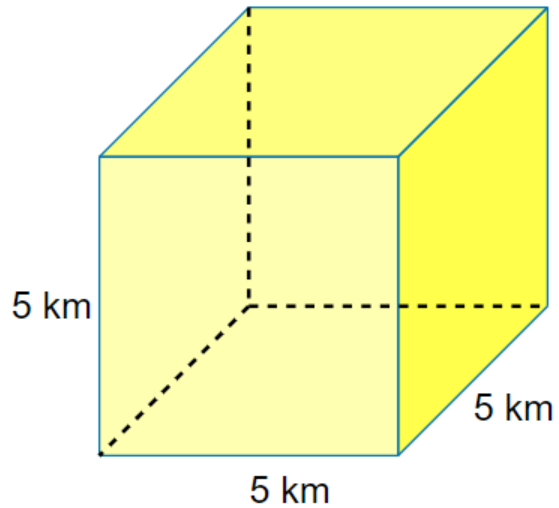
Calculate the volume



4. Volume = _____

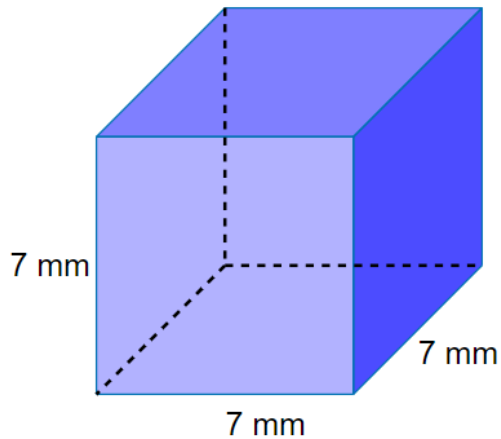


II. Volume of a Cube

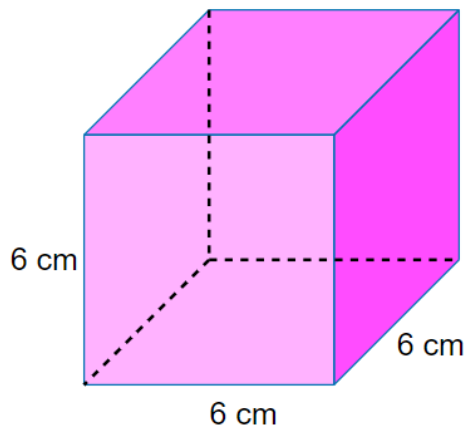


Volume of a cube:

Calculate the volume



6. Volume = _____



[illegible]