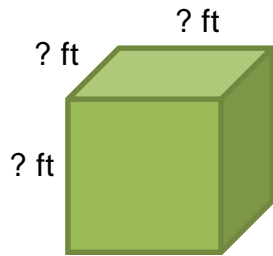


Volume of rectangular prisms

Grade 4 Geometry Worksheet

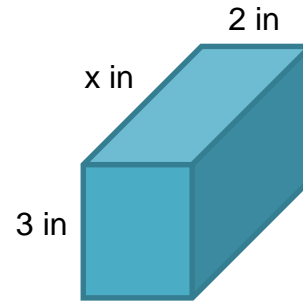
Volume = length x width x height

1.



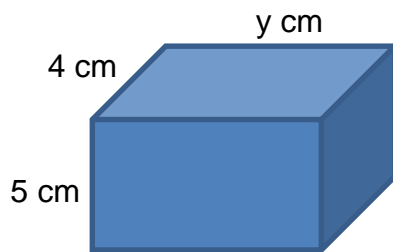
If the volume of the cube is 1 ft^3 ,
each side of this cube is _____ ft.

2.



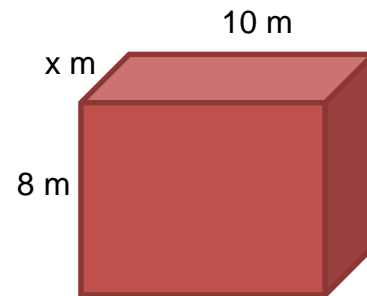
If the volume of prism is 60 in^3 ,
 $x = \underline{\hspace{2cm}}$

3.



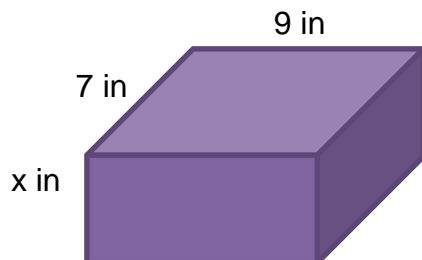
If the volume of prism is 160 cm^3 ,
 $y = \underline{\hspace{2cm}}$

4.



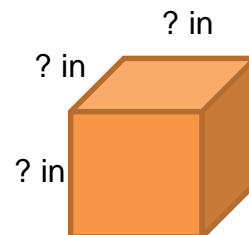
If the volume of prism is 240 m^3 ,
 $x = \underline{\hspace{2cm}}$

5.



If the volume of prism is 189 in^3 ,
 $x = \underline{\hspace{2cm}}$

6.



If the volume of the cube is 8 in^3 ,
each side of this cube is _____ in.

Answers

1. 1 foot
2. $x = 10$ in
3. $y = 8$ cm
4. $x = 3$ m
5. $x = 3$ in
6. 2 in