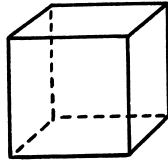


Notes- Volume of Rectangular and Triangular Prisms.notebook

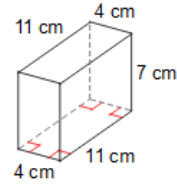
Volume of three-dimensional figures is found by multiplying the area of the _____ by the _____.



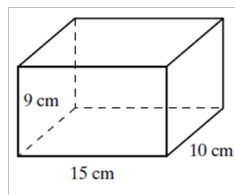
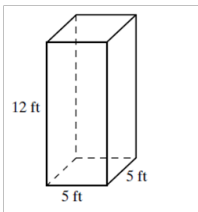
Rectangular Prisms

Area of the base: _____

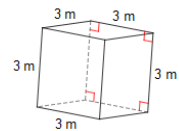
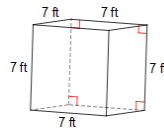
Volume of Rectangular Prism: _____



Find the volume:



Find the Volume for each Cube



Luisa is selling girl scout cookies. She needs to pack all her orders of Thin Mints into a box in order to ship them.

The dimensions of the Thin Mints box is 2.3 in x 7 in x 4.6 in. The dimensions of the shipping box is 12 in x 12 in x 5.5 in. How many boxes of Thin Mints will fit into one shipping box? Explain how you found your answer.



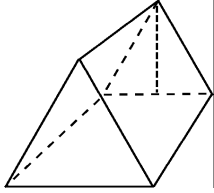
Find the height of a rectangular prism with a length of 3 meters, width of 1.5 meters, and a volume of 60.3 cubic meters.

Notes- Volume of Rectangular and Triangular Prisms.notebook

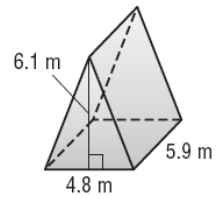
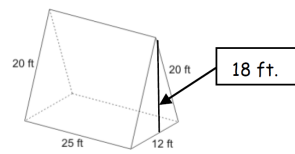
Triangular Prisms

Volume of Triangular Prism: Bh

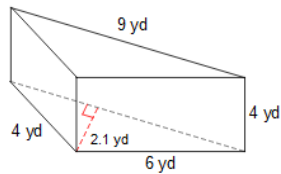
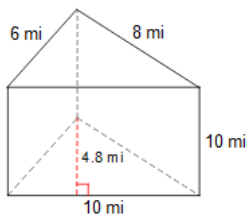
B (area of base) \times h (length between the bases)



Find the volume for each figure



Find the volume of the triangular prism



David's favorite candy bar is toberone. The base of the triangle is 1.4 in, the height of the triangle is 1.25 in and the height of the prism is 8.25 in. What is the volume of the candy?



Katie's perfume bottle can hold 108 cubic centimeters of perfume. The base of the triangle is 6 cm and the height is 4 cm. What is the height of the Katie's perfume bottle?