

MOMENTUM MATH LEVEL G



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UNDERSTANDING SURFACE AREA

Today's Destination

What is surface area?



Vocabulary

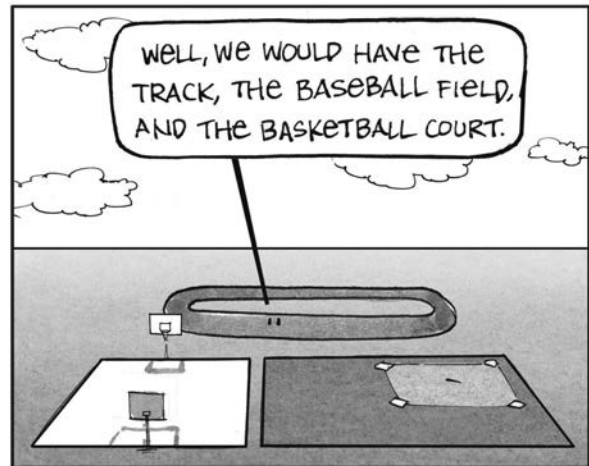
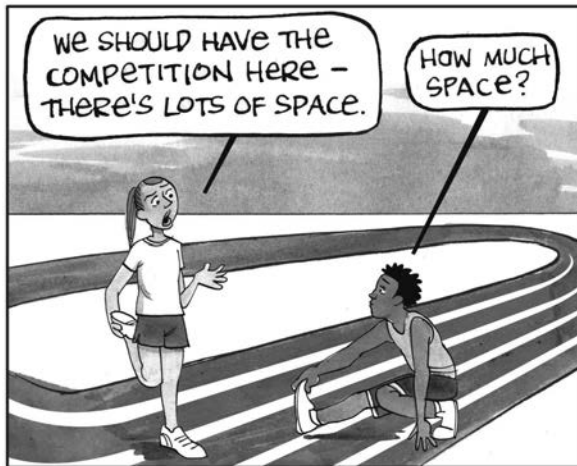
Cube A solid figure with 6 congruent square faces

Rectangular Prism A solid figure in which all 6 faces are rectangles

Surface Area The sum of the areas of all the faces of a solid figure



Problem of the Day



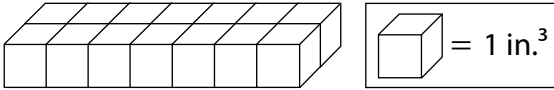
How can Matt find how much space there is in all? _____



IN THE DRIVER'S SEAT

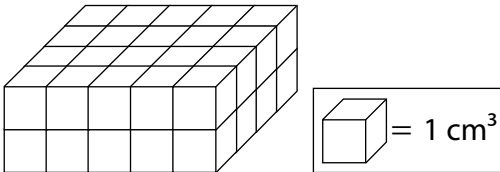
Find the volume of each solid. Be sure to include the correct units.

1)



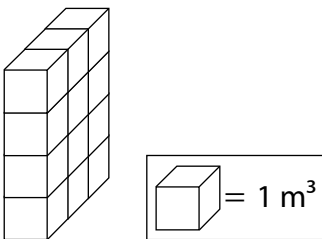
Compute It!

2)



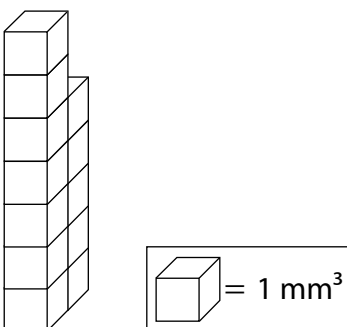
Compute It!

3)



Compute It!

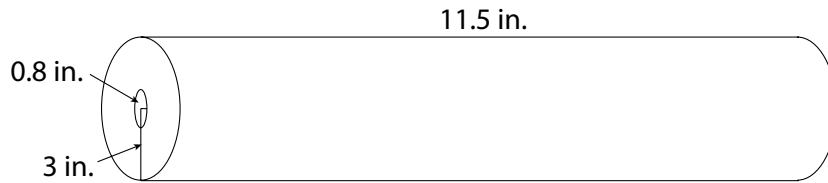
4)



Compute It!

 **SIDE TRIPS**

- 1) What is the volume of paper on the roll of paper towels to the nearest hundredth?

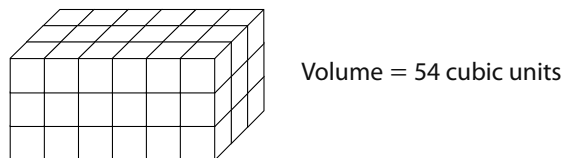


 **Compute It!**

Write It!

 **Explain It!**

- 2) Use the pictures below to explain why area is measured in *square* units and volume is measured in *cubic* units.



 **Explain It!**
