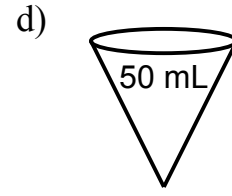
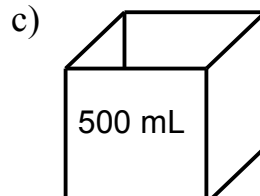
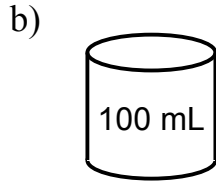
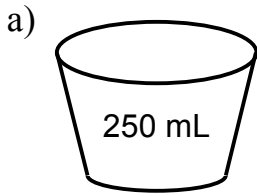
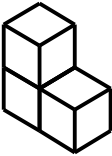
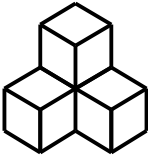
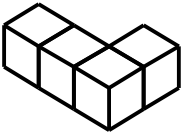
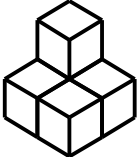
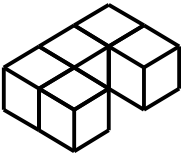
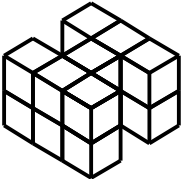




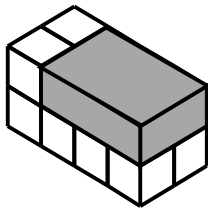
4. For each of the following, print the number of full containers needed to fill a 1 L jug.



5. Print the volume of each object. (Each small cube (centicube) has a volume of 1 cm<sup>3</sup>)

a)  _____ cm <sup>3</sup>	b)  _____ cm <sup>3</sup>	c)  _____ cm <sup>3</sup>
d)  _____ cm <sup>3</sup>	e)  _____ cm <sup>3</sup>	f)  _____ cm <sup>3</sup>

6. The rectangular prism below was created using centicubes and one larger shaded block. What is the volume of the shaded block?



The volume of the shaded block is \_\_\_\_\_ cm<sup>3</sup>

### Try This!

Using Lego bricks, Courtney wishes to build furniture for her toy house. She has two types of bricks. Each large yellow brick has a volume of 4 cm<sup>3</sup>. Each small dark blue brick has a volume of 2 cm<sup>3</sup>. She wishes to build the couch, chair, and table shown below. Complete the table at the lower left.

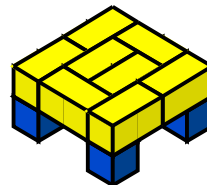
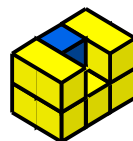
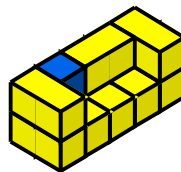
Courtney has only 248cm<sup>3</sup> of Lego bricks. She must build at least one couch, one chair, and one table. How many of each must she build so that all the bricks will be used?

Couch(es) \_\_\_\_\_

Chair(s) \_\_\_\_\_

Table(s) \_\_\_\_\_

Furniture	Volume
Couch	
Chair	
Table	



If you have time, go to <http://pbskids.org/cyberchase/games/liquidvolume/> and play Can You Fill It?