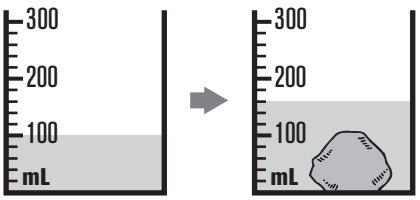
Math

- **volume**

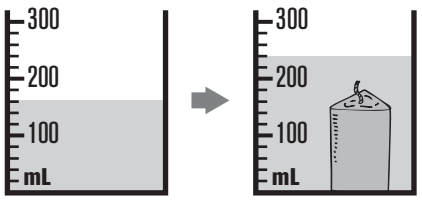
A. Find the volume of each object. Then put them in order according to their volumes.

1.



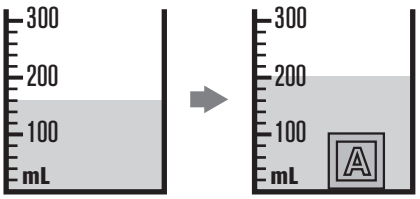
Volume of rock: _____

2.



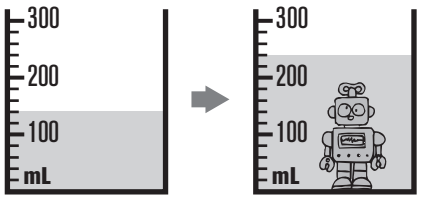
Volume of candle: _____

3.



Volume of block: _____

4.

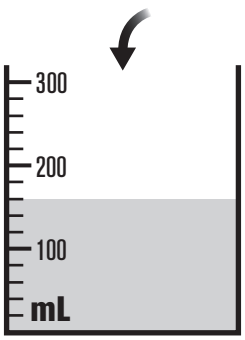


Volume of robot: _____

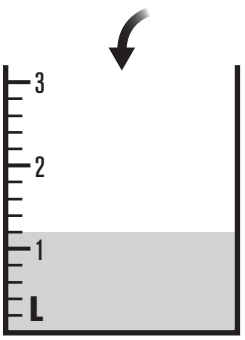
5. In order: _____
least greatest

B. Draw and show the new water level after each object is put into the water.

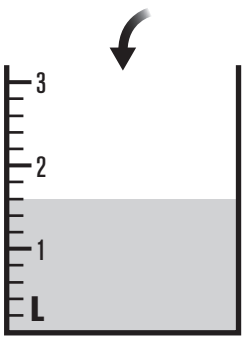
1. 80 cm^3



2. 1.2 L



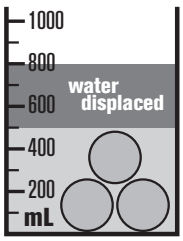
3. 0.6 L



C. Complete the chart.

	Object	Water Level Without Object	Water Level With Object	Volume of Object
1.	toy car	400 mL	482 mL	
2.	rock	950 mL	1.2 L	
3.	stapler	1.05 L	1.4 L	
4.	apple	0.7 L	1.03 L	

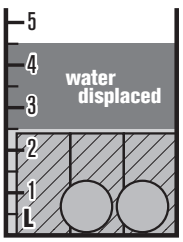
D. Look at each picture and answer the questions.

1. 

a. Total volume of the balls: _____

b. Volume of each ball: _____

c. New water level after another ball is added: _____

2. 

There are two balls and three blocks in the container. The volume of each block is 500 cm^3.

a. Volume of each ball: _____

b. New water level after another ball is added: _____

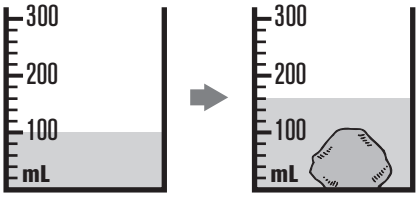
The water level is 3 L after five 250-cm^3 blocks were added. What was the water level?

_____

- volume

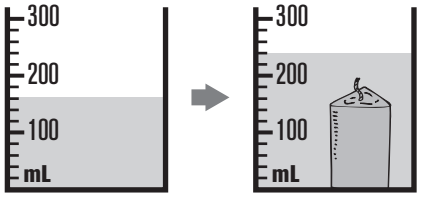
A. Find the volume of each object. Then put them in order according to their volumes.

1.



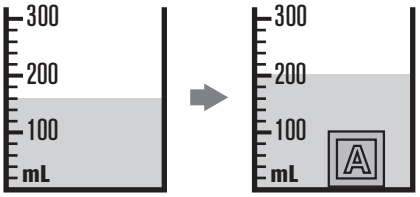
Volume of rock: 60 cm^3

2.



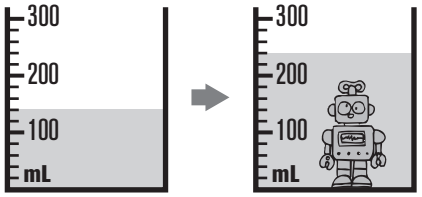
Volume of candle: 80 cm^3

3.



Volume of block: 40 cm^3

4.

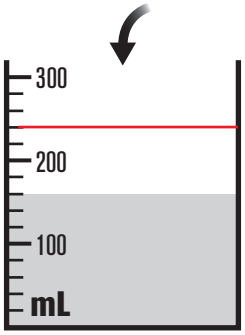


Volume of robot: 100 cm^3

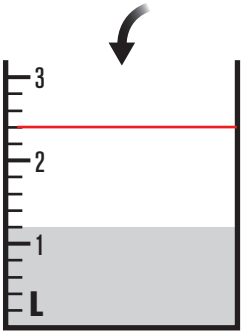
5. In order: block, rock, candle, robot
(least … greatest)

B. Draw and show the new water level after each object is put into the water.

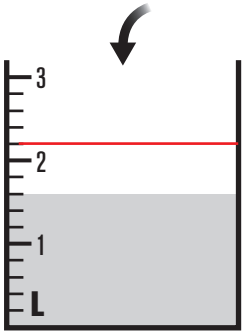
1. 80 cm^3



2. 1.2 L



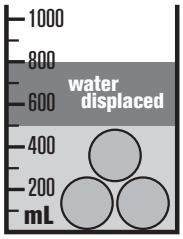
3. 0.6 L



C. Complete the chart.

	Object	Water Level Without Object	Water Level With Object	Volume of Object
1.	toy car	400 mL	482 mL	82 cm^3
2.	rock	950 mL	1.2 L	250 cm^3
3.	stapler	1.05 L	1.4 L	350 cm^3
4.	apple	0.7 L	1.03 L	330 cm^3

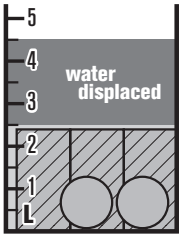
D. Look at each picture and answer the questions.

1. 

a. Total volume of the balls: 300 cm^3

b. Volume of each ball: 100 cm^3

c. New water level after another ball is added: 900 mL

2. 

There are two balls and three blocks in the container. The volume of each block is 500 cm^3.

a. Volume of each ball: 250 cm^3

b. New water level after another ball is added: 4.75 L

The water level is 3 L after five 250-cm^3 blocks were added. What was the water level?

1.75 L