

# Science Starter # \_\_\_\_\_

(Area, volume, graduated cylinders)

Name: \_\_\_\_\_  
Date: \_\_\_\_\_  
Period: \_\_\_\_\_

I. ① Write out the equation for calculating Volume:

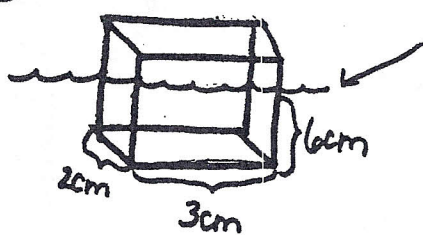
$$V =$$

② Write out the equation for calculating Base Area:

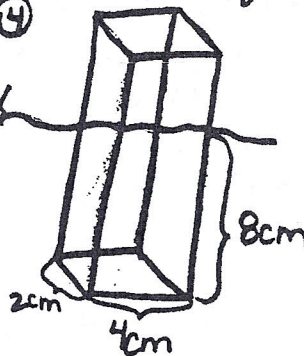
$$B.A. =$$

II. Calculate the submerged volume for each of the following:

③



④

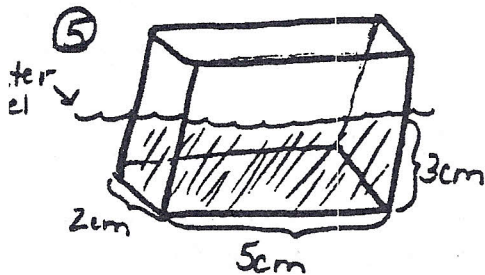


\* Figures are not drawn to scale.

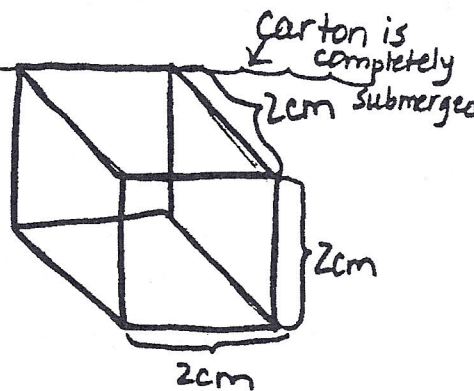
③ S.V. =  $\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} =$

④ S.V. =  $\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} =$

⑤



⑥



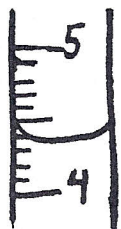
⑤ S.V. =  $\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} =$

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2 pts. for units

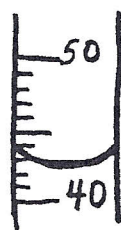
III. Record the amt. of liquid that is in each graduated cylinder

⑦



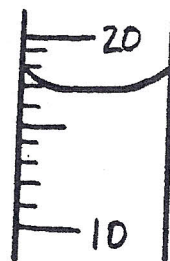
\_\_\_\_\_ mL

⑧



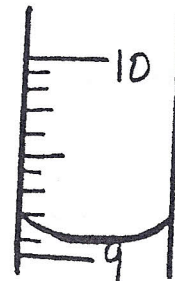
\_\_\_\_\_ mL

⑨



\_\_\_\_\_ mL

⑩



\_\_\_\_\_ mL