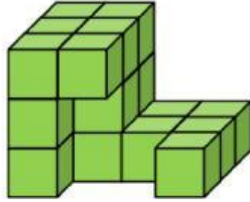




Area and Perimeter

Counting cubes

9a. Match the shape to its volume in cm^3 .



23cm^3

21cm^3

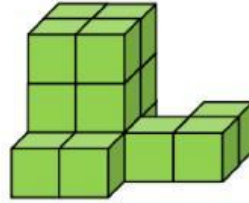
20cm^3



Hint: each cube has a volume of 1cm^3 .

VF

9b. Match the shape to its volume in cm^3 .



36cm^3

33cm^3

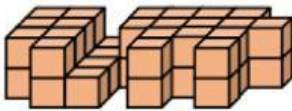
34cm^3



Hint: each cube has a volume of 2cm^3 .

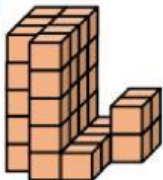
VF

11a. Look at the shape below.

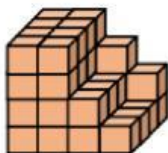


Which of these shapes has the same volume in cubic units?

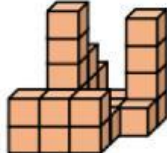
A.



B.



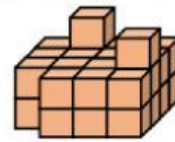
C.



Hint: each cube has a volume of 1cm^3 .

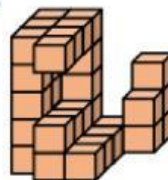
VF

11b. Look at the shape below.

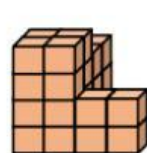


Which of these shapes has the same volume in cubic units?

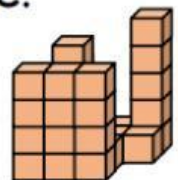
A.



B.



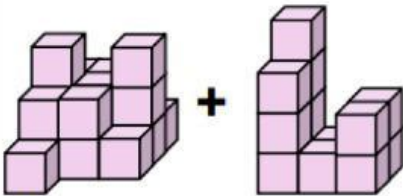
C.



Hint: each cube has a volume of 2cm^3 .

VF

12a. If the shapes below were combined, what would their volume be altogether?



+

=

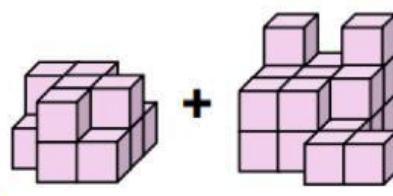
cm^3



Hint: each cube has a volume of 3cm^3 .

VF

12b. If the shapes below were combined, what would their volume be altogether?



+

=

cm^3

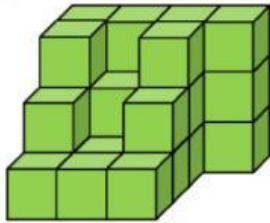


Hint: each cube has a volume of 5cm^3 .

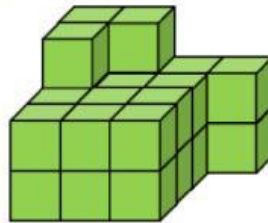
VF

7. Tick the shape that has a volume of 64cm^3 . Each cube has a volume of 2cm^3 .

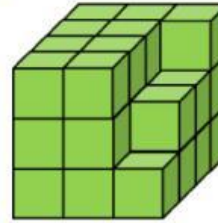
A.



B.



C.

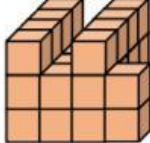


Not to scale

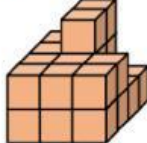
VF
HW/Ext

7a. Orla is building some shapes. She thinks that all of the shapes below have a volume $< 100\text{cm}^3$.

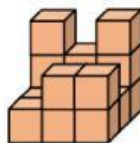
A.



B.



C.



Is she correct? Explain your answer.

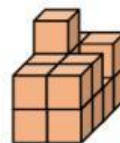


Each cube has a volume of 3cm^3 .

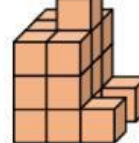
R

7b. Dylan is building some shapes. He thinks that all of the shapes below have a volume that are multiples of 5.

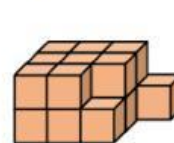
A.



B.



C.



Is he correct? Explain your answer.

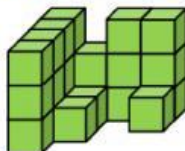


Each cube has a volume of 5cm^3 .

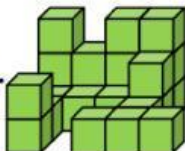
R

9a. Find the odd one out.

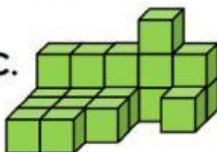
A.



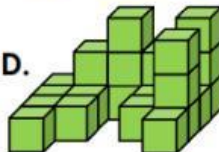
B.



C.



D.



Explain your answer.

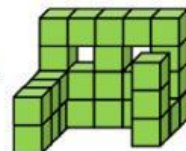


Each cube has a volume of 3cm^3 .

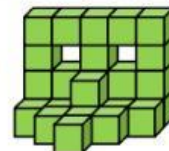
R

9b. Find the odd one out.

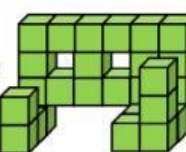
A.



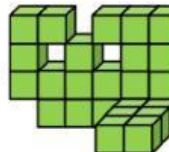
B.



C.



D.



Explain your answer.



Each cube has a volume of 2cm^3 .

R