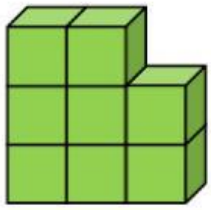
Area and Perimeter

Counting cubes

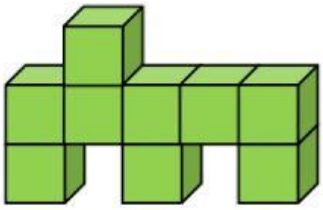
1a. Match the shape to its volume in cm^3.



$8cm^3$ $7cm^3$ $12cm^3$

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

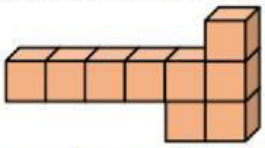
1b. Match the shape to its volume in cm^3.



$19cm^3$ $9cm^3$ $10cm^3$

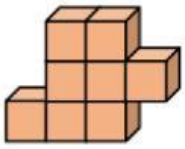
Hint: each cube has a volume of $1cm^3$.

3a. Look at the shape below.

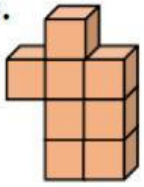


Which of these shapes has the same volume in cubic units?

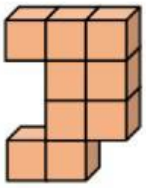
A.



B.

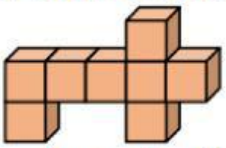


C.



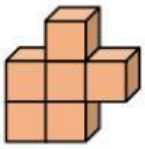
Hint: each cube has a volume of $1cm^3$.

3b. Look at the shape below.

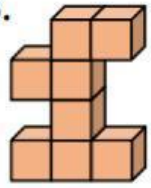


Which of these shapes has the same volume in cubic units?

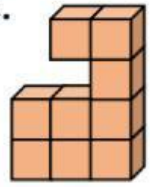
A.



B.

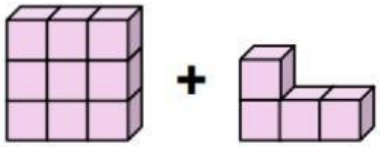


C.



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

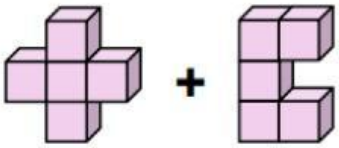
4a. If the shapes below were combined, what would their volume be altogether?



cm^3

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

4b. If the shapes below were combined, what would their volume be altogether?



cm^3

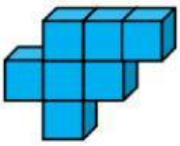
Hint: each cube has a volume of $1cm^3$.

2a. Harriet has 7 cubes in total.

Which of the shapes below could she create?

A.

B.

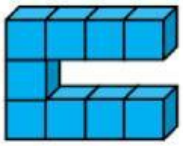


D Each cube has a volume of 1cm³. PS

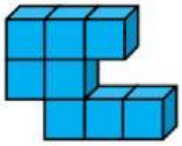
2b. Shaun has 8 cubes.

Which of the shapes below could he create?

A.



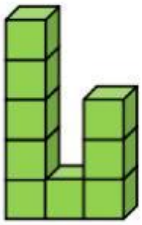
B.



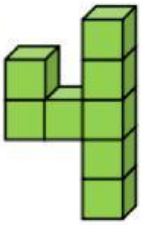
D Each cube has a volume of 1cm³. PS

3a. Find the odd one out.

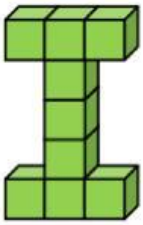
A.



B.



C.

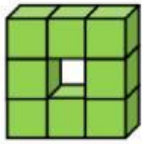


Explain your answer.

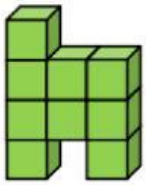
D Each cube has a volume of 1cm³. R

3b. Find the odd one out.

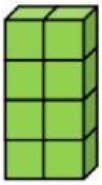
A.



B.



C.



Explain your answer.

D Each cube has a volume of 1cm³. R