

6M8b - Recognise when it is possible to use formulae for volume of shapes

A.



B.



C.

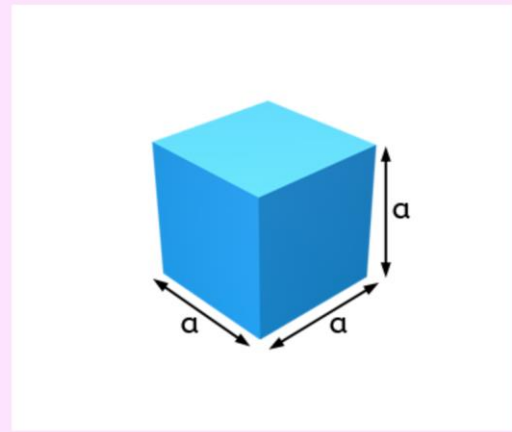


D.



The volume of which shapes can NOT be calculated using a simple formula?

- A and B   
  All of them   
  A, C and D   
  A



Which formula gives the volume of the shape?

- $\frac{1}{2}a \times \frac{1}{2}a \times \frac{1}{2}a$    
   $a \times a$    
   $a^3$    
   $a^2$

A.



B.



C.

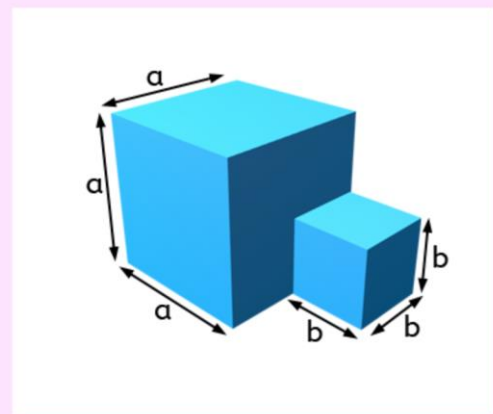


D.



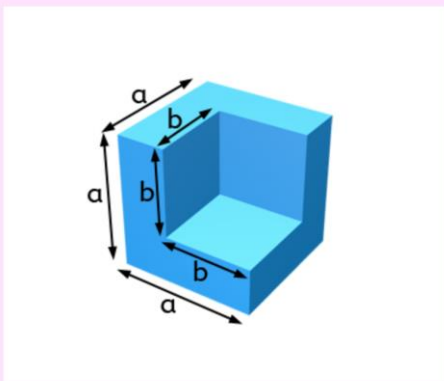
The volume of which shapes can be calculated using a simple formula?

- B and D   
  B   
  B, C and D   
  D



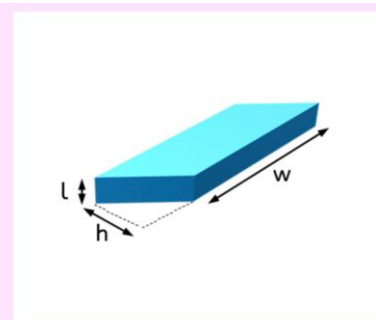
Which formula gives the volume of the shape?

- $(a + b)^3$    
   $a^2 + b^2$    
   $a^3 \times b^3$    
   $a^3 + b^3$



Which formula gives the volume of the shape?

- $a^2 - b^2$    
   $a^3 - b^3$    
   $3a^2 \times (a - b)$    
   $(a - b)^3$



Which formula gives the volume of the shape?

- $2wh + 2wl + 2lh$    
   $\frac{1}{2}w \times \frac{1}{2}h \times L$    
   $w \times h \times L$    
   $\frac{1}{2}w \times h \times L$