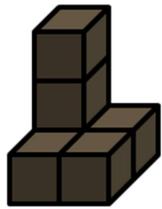


Poliminós y **POLICUBOS**

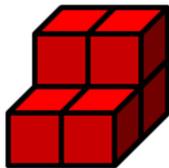
ORTOEDRO CRECIENTE

Material:

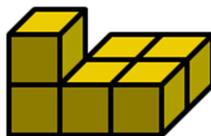
Nueve hexacubos.



1



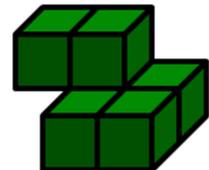
2



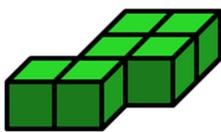
3



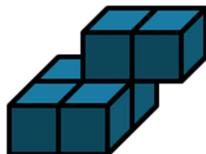
4



5



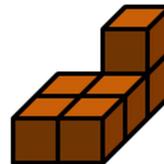
6



7



8

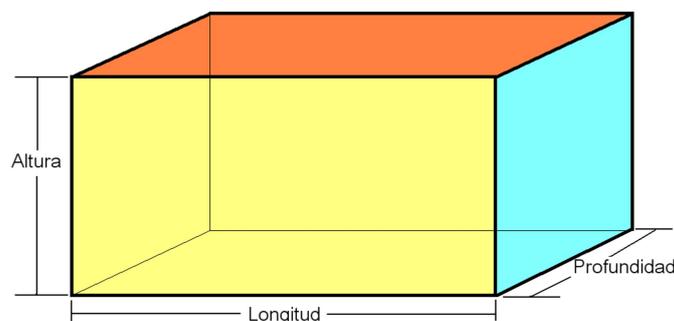


9

Reglas del juego:

Coge las piezas que se indican en cada reto para formar ortoedros en los que sus dimensiones crecen y crecen a medida que aumenta el número de piezas.

Un ortoedro es un prisma rectangular ortogonal, cuyas caras forman entre sí ángulos diedros rectos. A estos prismas rectos se los denomina paralelepípedos rectangulares. Habitualmente se las identifica con cajas como las de zapatos.

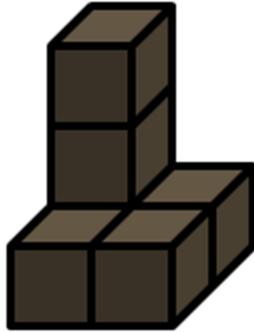


Poliminós y **POLICUBOS**

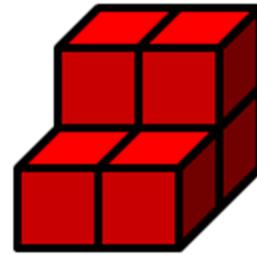
ORTOEDRO CRECIENTE

Material:

Los hexacubos 1 y 2.



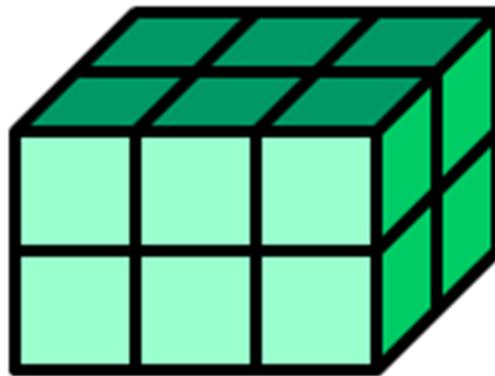
1



2

Desafío 1:

Formar un ortoedro de dimensiones 2 x 2 x 3 cubos



Soluciones:

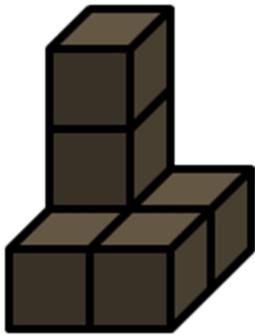
La solución es única.

Poliminós y **POLICUBOS**

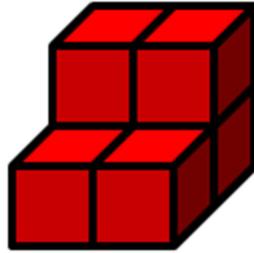
ORTOEDRO CRECIENTE

Material:

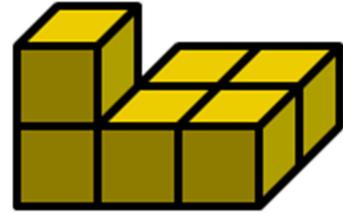
Los hexacubos 1, 2 y 3.



1



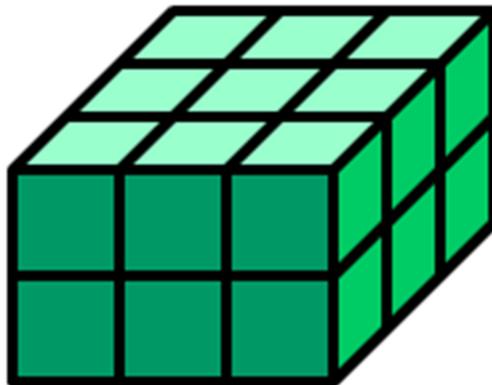
2



3

Desafío 2:

Formar un ortoedro de dimensiones 2 x 3 x 3 cubos



Soluciones:

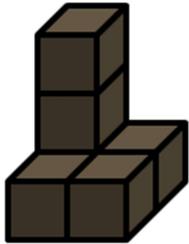
La solución es única.

Poliminós y **POLICUBOS**

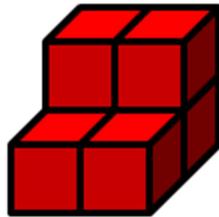
ORTOEDRO CRECIENTE

Material:

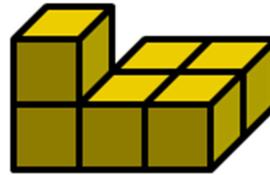
Los hexacubos 1, 2, 3 y 4.



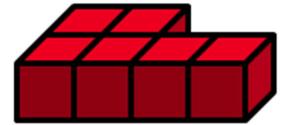
1



2



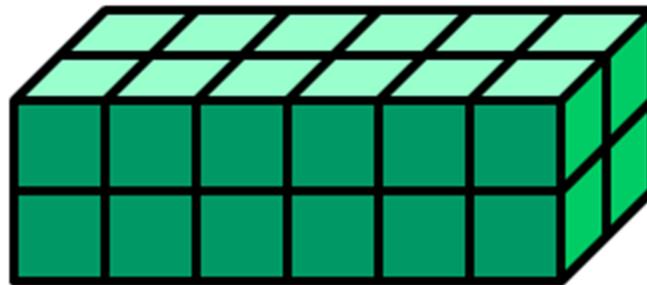
3



4

Desafío 3:

Formar un ortoedro de dimensiones 2 x 2 x 6 cubos.



Soluciones:

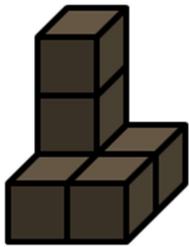
La solución es única.

Poliminós y **POLICUBOS**

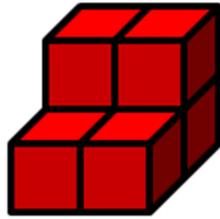
ORTOEDRO CRECIENTE

Material:

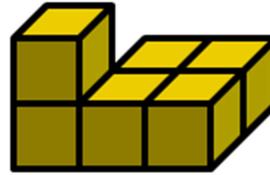
Los hexacubos 1, 2, 3 y 4.



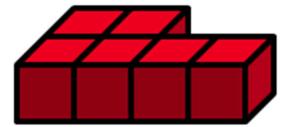
1



2



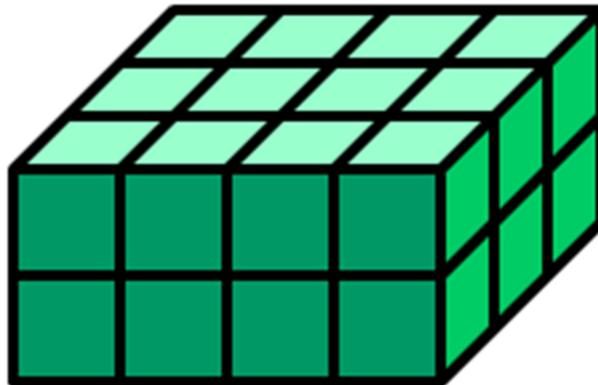
3



4

Desafío 4:

Formar un ortoedro de dimensiones 2 x 3 x 4 cubos.



Soluciones:

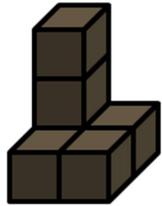
Tiene 9 soluciones.

Poliminós y **POLICUBOS**

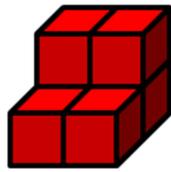
ORTOEDRO CRECIENTE

Material:

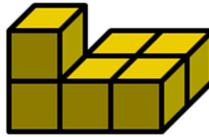
Los hexacubos 1, 2, 3, 4 y 5.



1



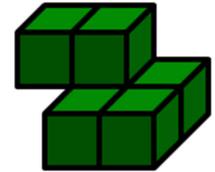
2



3



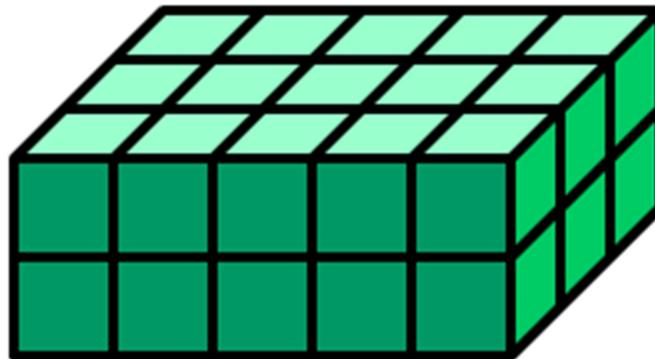
4



5

Desafío 5:

Formar un ortoedro de dimensiones 2 x 3 x 5 cubos.



Soluciones:

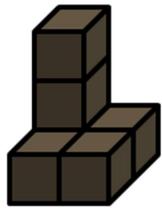
Hay 2 doluciones.

Poliminós y **POLICUBOS**

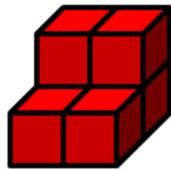
ORTOEDRO CRECIENTE

Material:

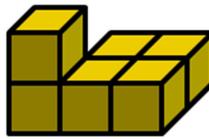
Los hexacubos 1, 2, 3, 4, 5 y 6.



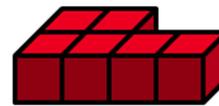
1



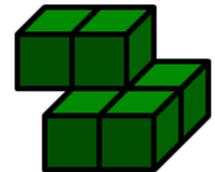
2



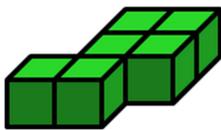
3



4



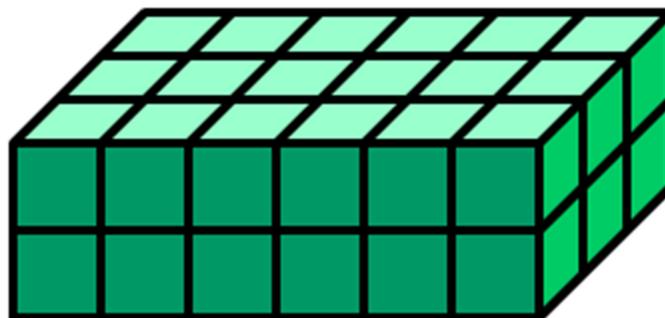
5



6

Desafío 6:

Formar un ortoedro de dimensiones 2 x 3 x 6 cubos.



Soluciones:

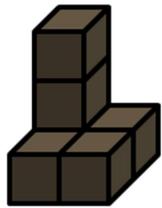
Hay 6 soluciones.

Poliminós y **POLICUBOS**

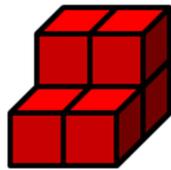
ORTOEDRO CRECIENTE

Material:

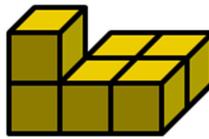
Los hexacubos 1, 2, 3, 4, 5 y 6.



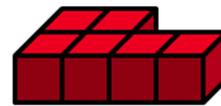
1



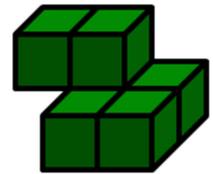
2



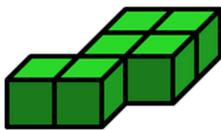
3



4



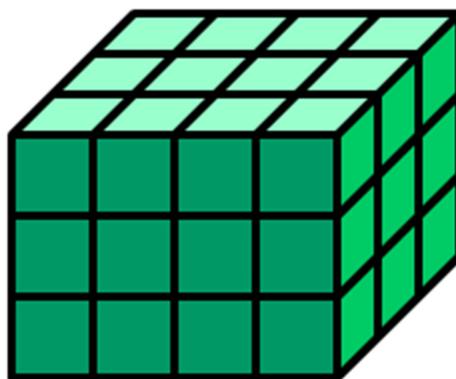
5



6

Desafío 7:

Formar un ortoedro de dimensiones 3 x 3 x 4 cubos.



Soluciones:

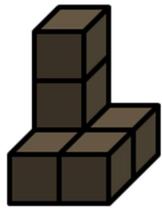
Hay 22 soluciones.

Poliminós y **POLICUBOS**

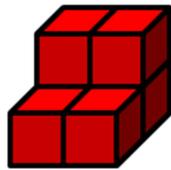
ORTOEDRO CRECIENTE

Material:

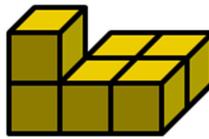
Los hexacubos 1, 2, 3, 4, 5, 6 y 7.



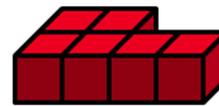
1



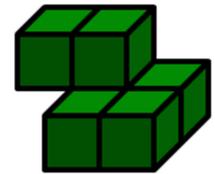
2



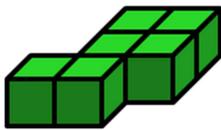
3



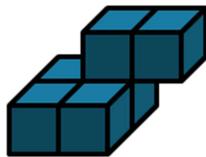
4



5



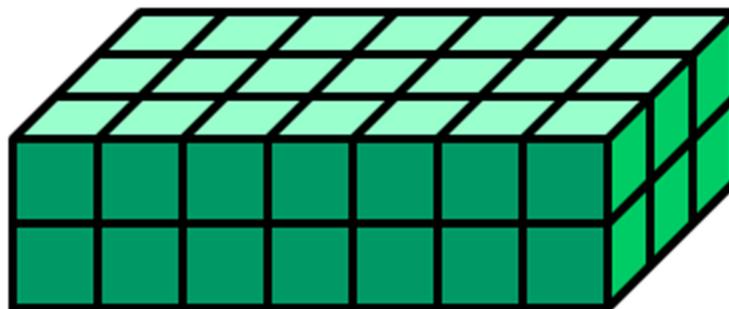
6



7

Desafío 8:

Formar un ortoedro de dimensiones 2 x 3 x 7 cubos.



Soluciones:

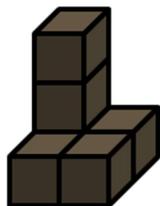
Hay 7 soluciones.

Poliminós y **POLICUBOS**

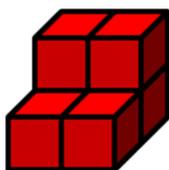
ORTOEDRO CRECIENTE

Material:

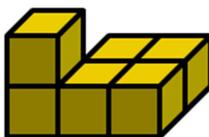
Los hexacubos 1, 2, 3, 4, 5, 6, 7 y 8.



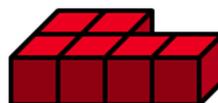
1



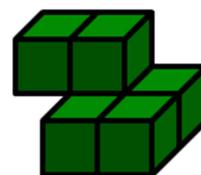
2



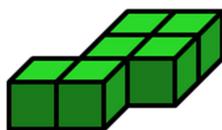
3



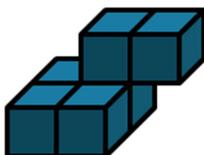
4



5



6



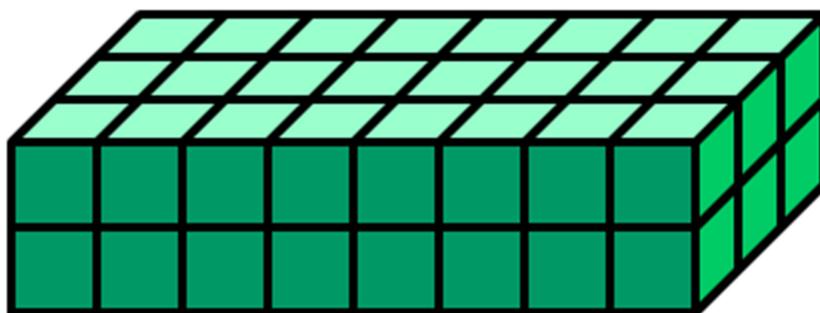
7



8

Desafío 9:

Formar un ortoedro de dimensiones 2 x 3 x 8 cubos.



Soluciones:

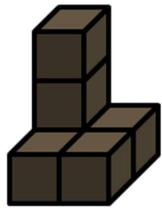
Hay 69 soluciones.

Poliminós y **POLICUBOS**

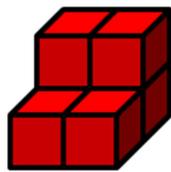
ORTOEDRO CRECIENTE

Material:

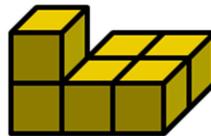
Los hexacubos 1, 2, 3, 4, 5, 6, 7 y 8.



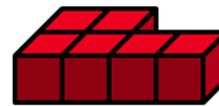
1



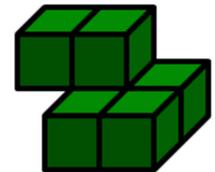
2



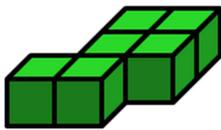
3



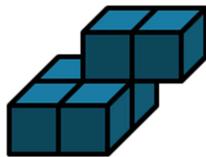
4



5



6



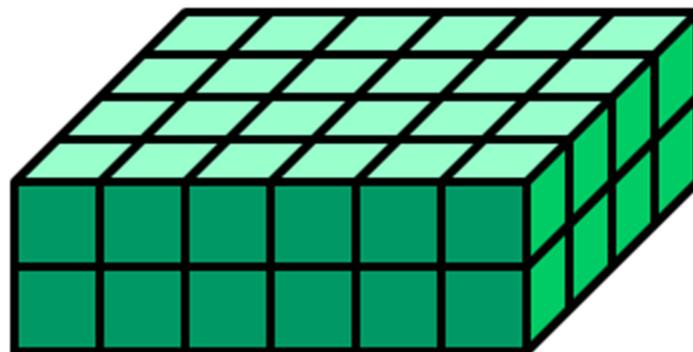
7



8

Desafío 10:

Formar un ortoedro de dimensiones 2 x 4 x 6 cubos.



Soluciones:

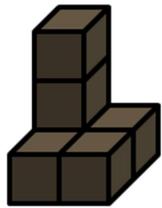
Hay 277 soluciones.

Poliminós y **POLICUBOS**

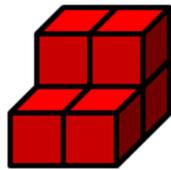
ORTOEDRO CRECIENTE

Material:

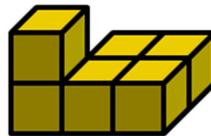
Los hexacubos 1, 2, 3, 4, 5, 6, 7 y 8.



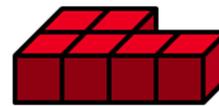
1



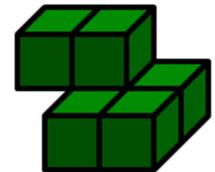
2



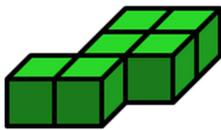
3



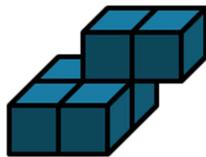
4



5



6



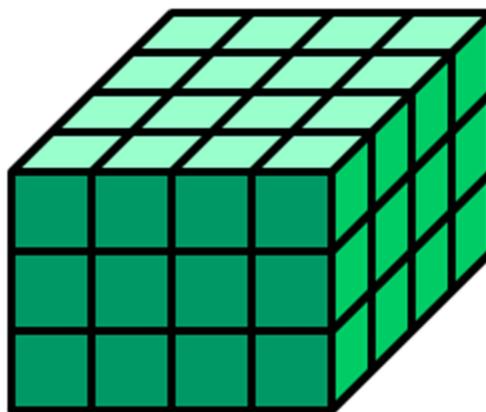
7



8

Desafío 11:

Formar un ortoedro de dimensiones 3 x 4 x 4 cubos.



Soluciones:

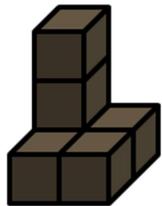
Hay 593 soluciones.

Poliminós y **POLICUBOS**

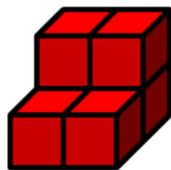
ORTOEDRO CRECIENTE

Material:

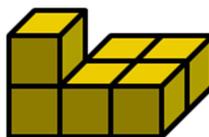
Los hexacubos 1, 2, 3, 4, 5, 6, 7, 8 y 9.



1



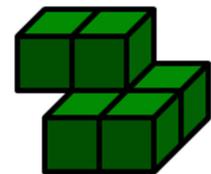
2



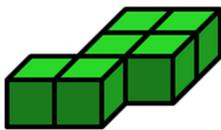
3



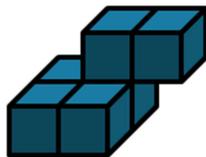
4



5



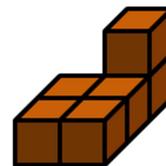
6



7



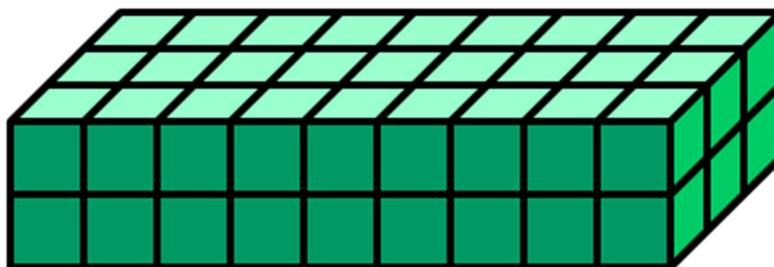
8



9

Desafío 12:

Formar un ortoedro de dimensiones 2 x 3 x 9 cubos.



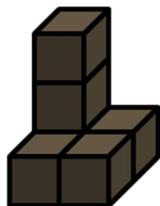
Soluciones:

Hay 755 soluciones.

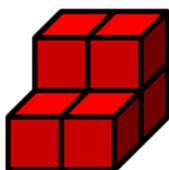
ORTOEDRO CRECIENTE

Material:

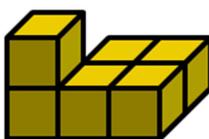
Los hexacubos 1, 2, 3, 4, 5, 6, 7, 8 y 9.



1



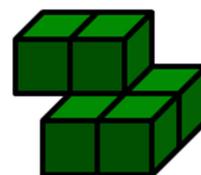
2



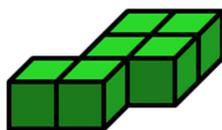
3



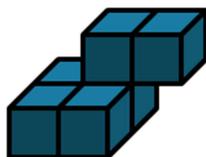
4



5



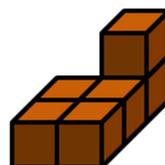
6



7



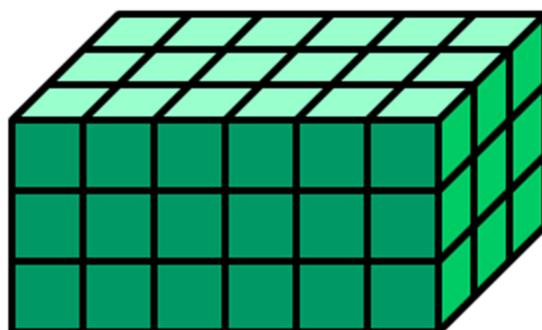
8



9

Desafío 13:

Formar un ortoedro de dimensiones 3 x 3 x 6 cubos.



Soluciones:

Hay 1442 soluciones.