



**ACTIVIDADES
TALLER GEOMETRÍA
GUÍA N° 16**

SEMANA 7 AL 11 DE SEPTIEMBRE

3°A



GUÍA DIGITAL N°16

Asignatura: Taller de Geometría

Curso: 3°A

Docente: Verónica Gracia Tapia

Semana: 7 al 11 septiembre

Contacto: veronica.gracia@colegio-isabelriquelme.cl

Horario de atención: Lunes a Viernes 16:00 -17:00 horas.

Objetivo de la clase: Relacionar redes de figuras 3D con las figuras 2D correspondientes.

Actividad: Observar PPT. Desarrollar Tarea. Autoevaluación y Ticket de salida.



1.-OBJETIVO DE APRENDIZAJE Y CONTENIDOS CONCEPTUALES

Objetivo de aprendizaje	Contenido
OA15 Demostrar que comprenden la relación que existe entre figuras 3D y figuras 2D: construyendo una figura 3D a partir de una red (plantilla); desplegando la figura 3D.	Figuras 3D Redes (plantilla)
Objetivo de la clase	Habilidades
Relacionar redes de figuras 3D con las figuras 2D correspondientes.	Resolver Problemas Argumentar y Comunicar Modelar Representar

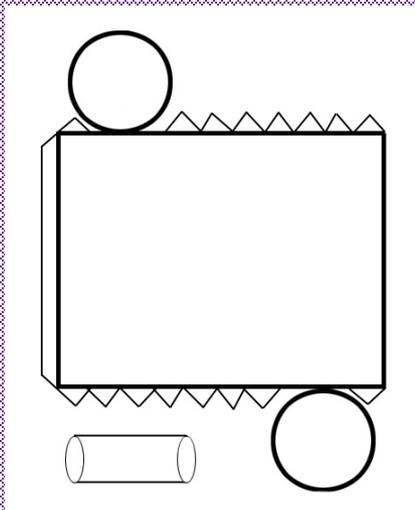
2.- GUÍA

Red de un cuerpo geométrico

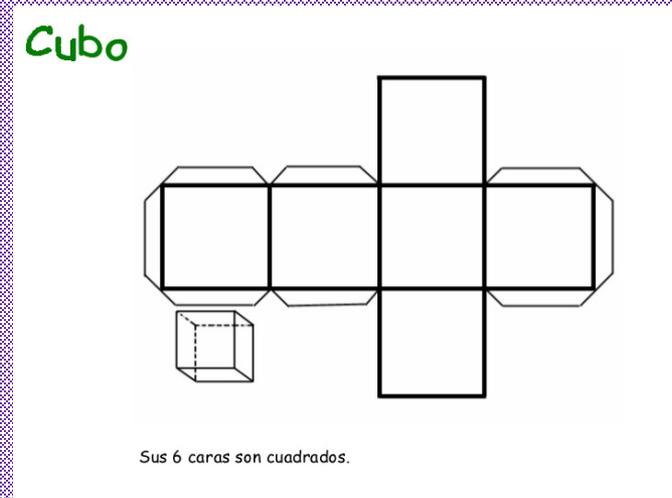
La red de un cuerpo geométrico es un conjunto de líneas que determinan diversas figuras planas. Al recortar y armar la red convenientemente, obtenemos el cuerpo geométrico.

A continuación presentamos algunas redes de las cuerpos geométricos. Haz tus propios desarrollos en tu casa. ¡Solo necesitas papel y tijeras!.

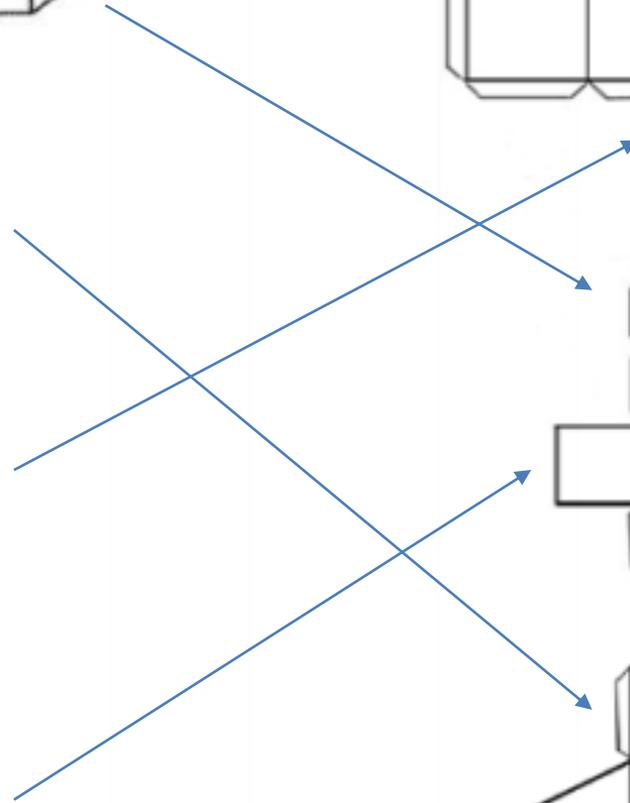
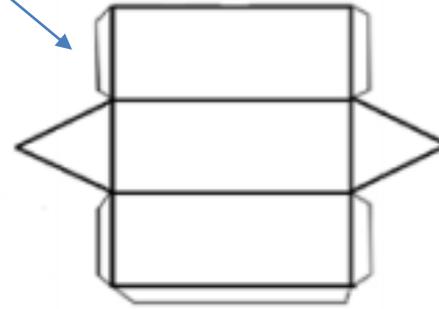
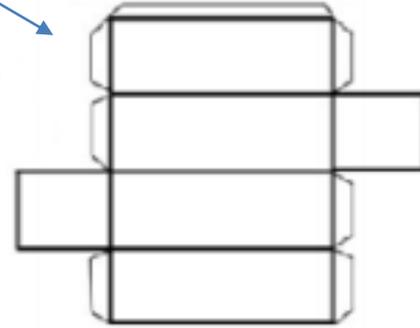
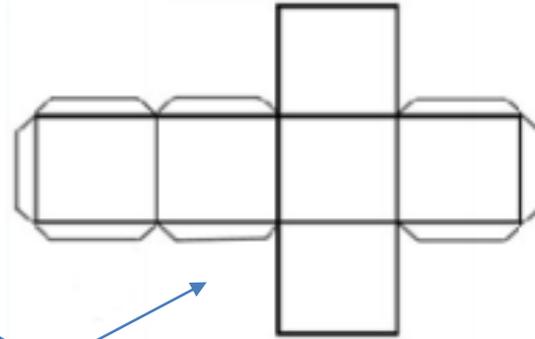
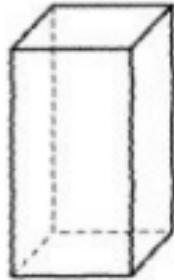
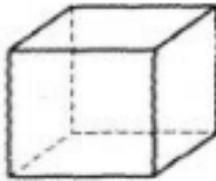
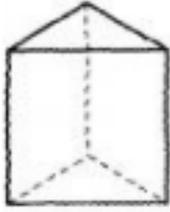
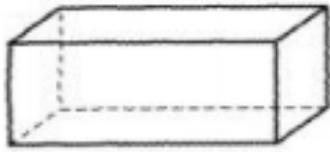
Cilindro

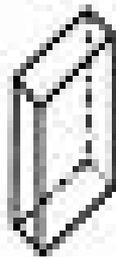
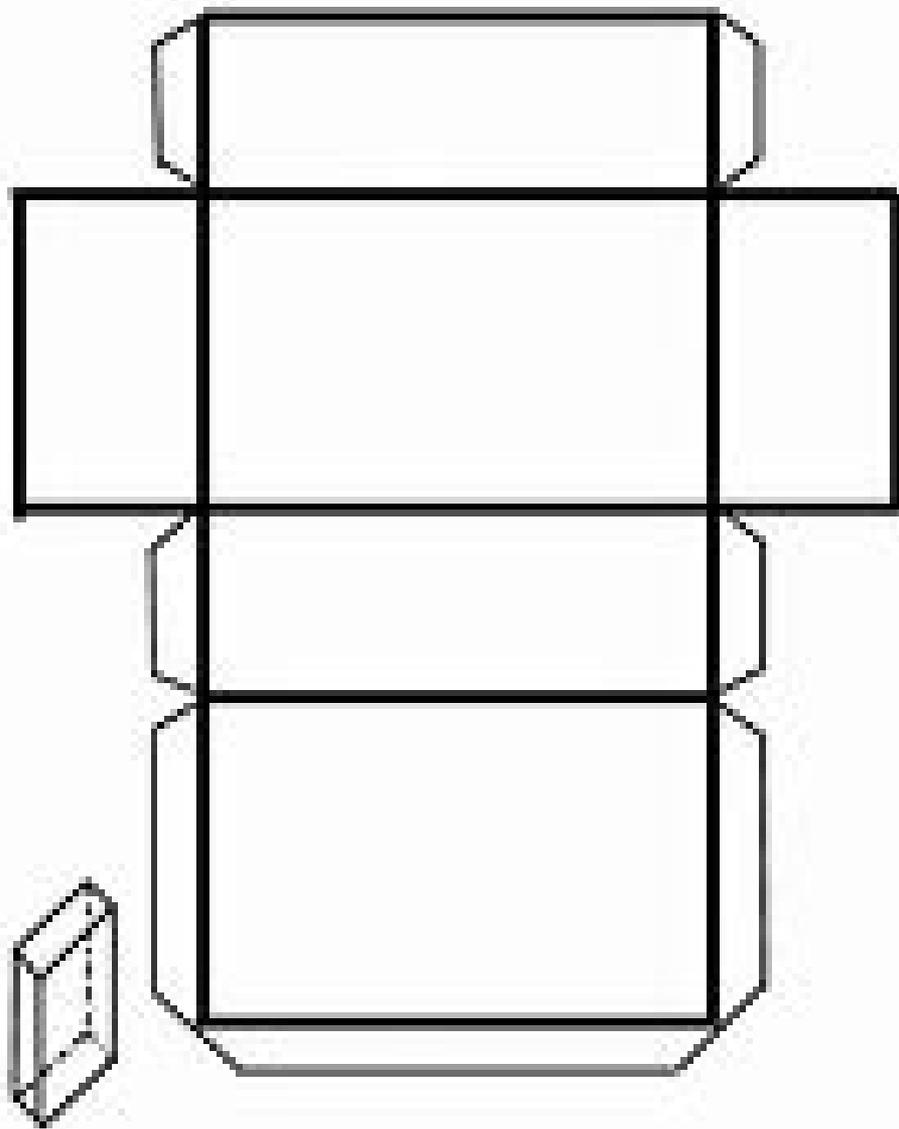


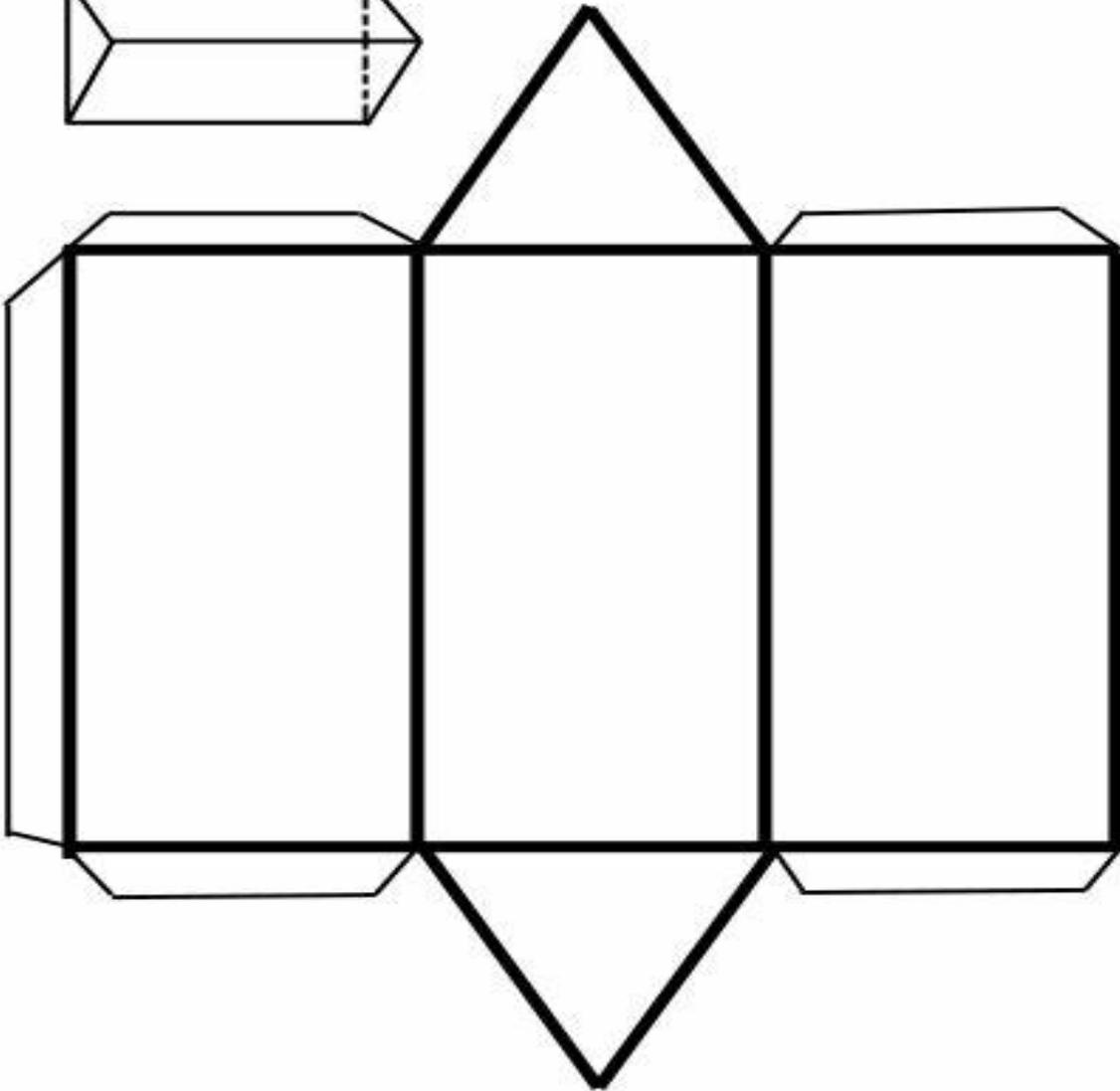
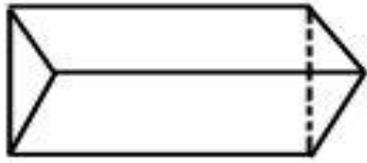
Cubo



2.- Observa y une cada cuerpo geométrico con su respectiva red.





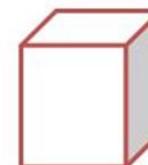
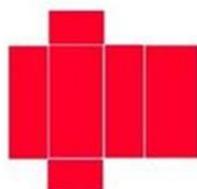
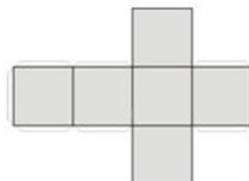
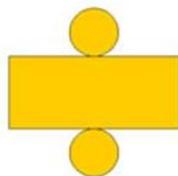


3.- TAREA

ACTIVIDAD 1 IDENTIFICAR FIGURAS 2D y 3D

Objetivo: Identificar figuras relacionadas con cuerpos dados.

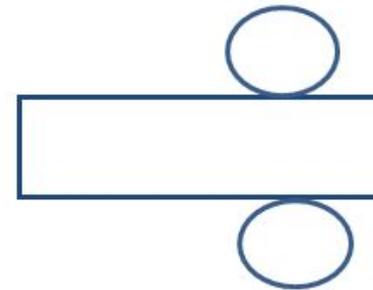
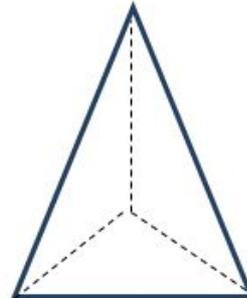
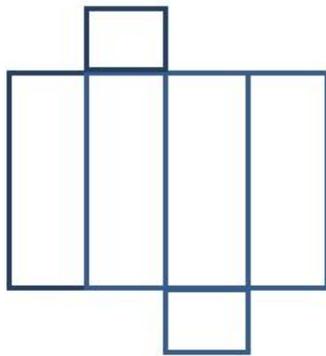
Instrucciones: Los cuerpos geométricos están desarmados, imagina la figura que resulta y únela con su red.



ACTIVIDAD 2 RELACIONAR FIGURAS 2D y 3D

Objetivo: Relacionan figuras 3D con sus redes de figuras 2D.

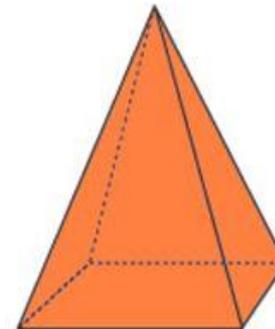
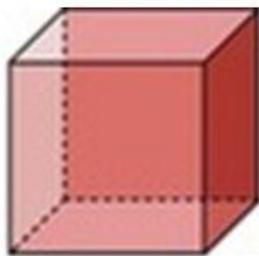
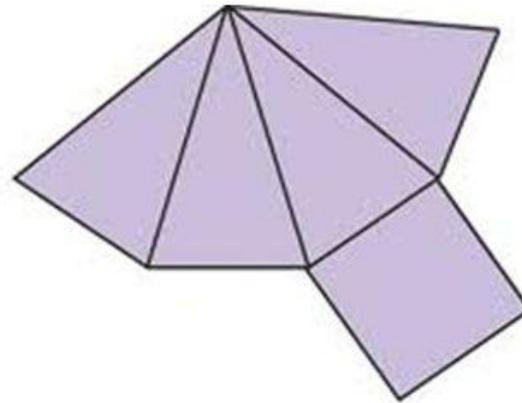
Instrucciones: Observa la figura 3D y colorea la red que corresponda.



ACTIVIDAD 3
IDENTIFICAR REDES EN FIGURAS 2D y 3D

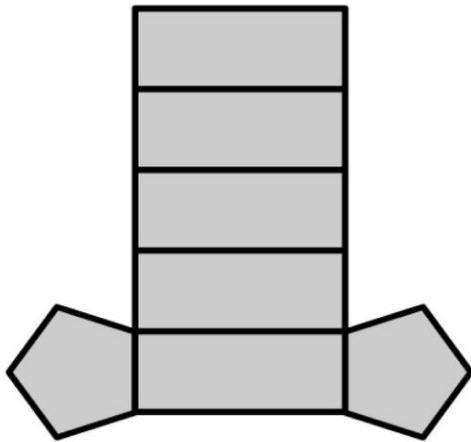
Objetivo: Observan redes e identifican sus figuras 3D.

Instrucciones: Señala la figura 3D a la que pertenece esta red.



Qué figura se puede construir con...

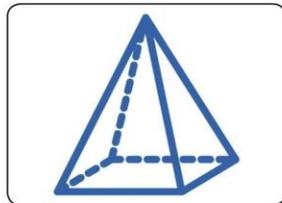
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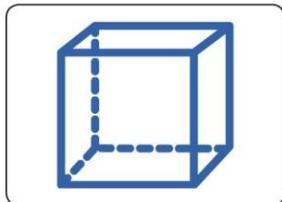
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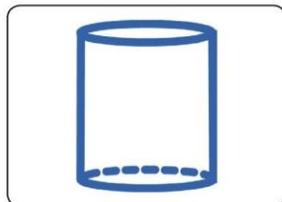
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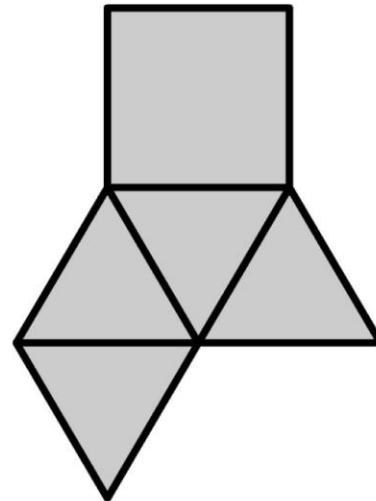
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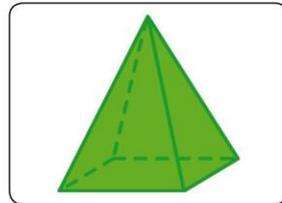
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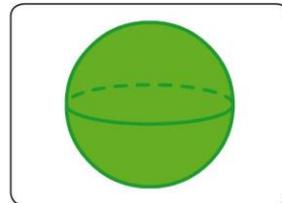
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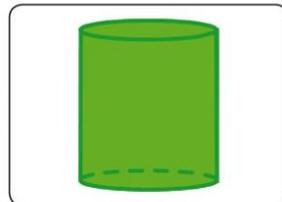
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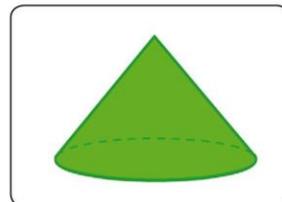
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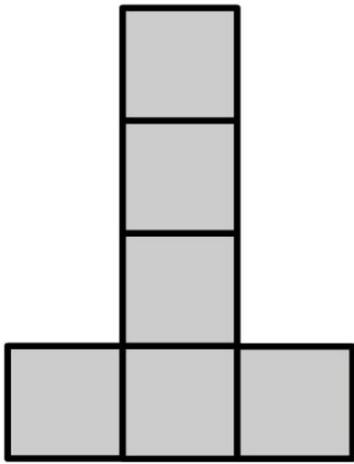


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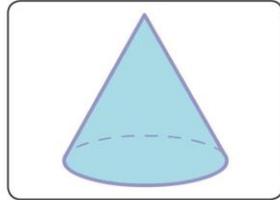
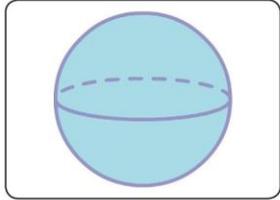


Qué figura se puede construir con...

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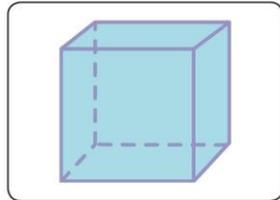
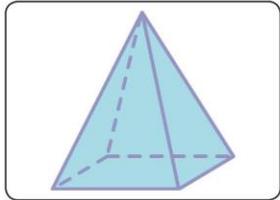


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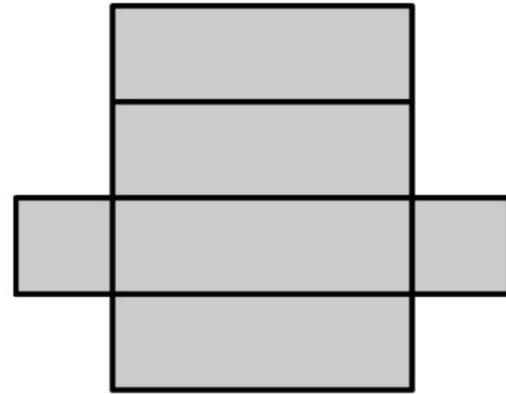
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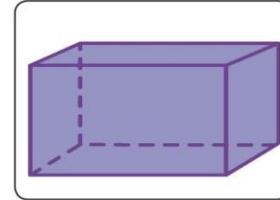
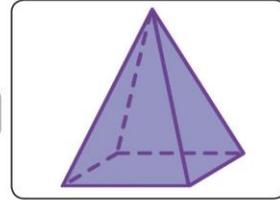


4.

b.

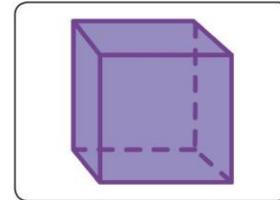
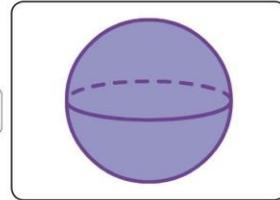


1.



3.

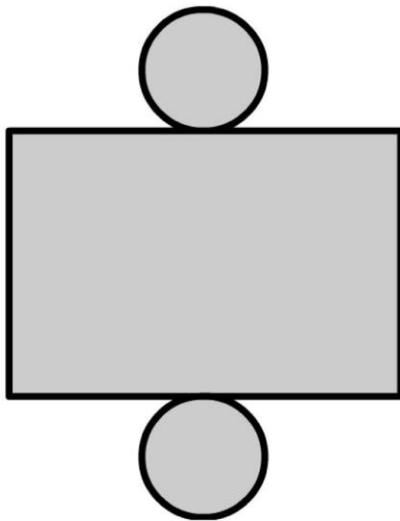
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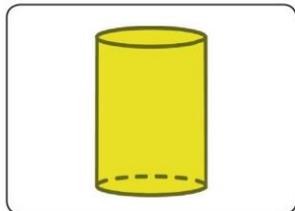
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Qué figura se puede construir con...

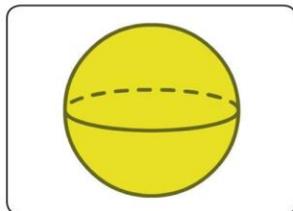
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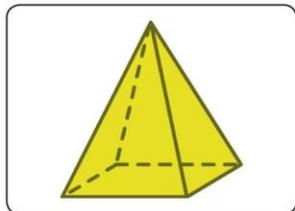
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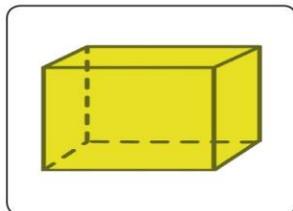
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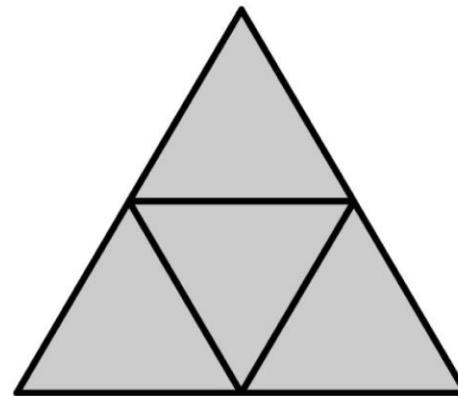
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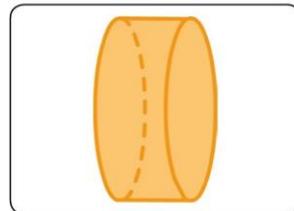
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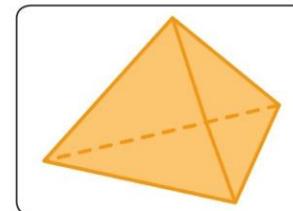
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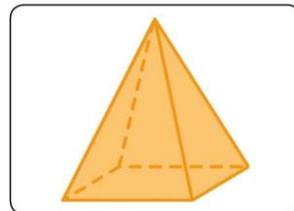
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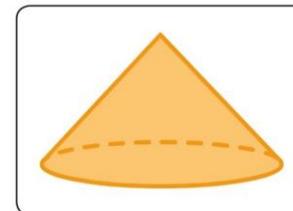
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2.



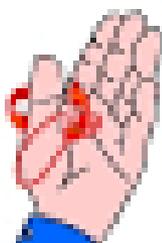
4.



PAUSA ACTIVA

ESTIRAMIENTO

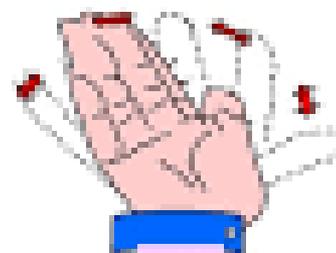
MANOS



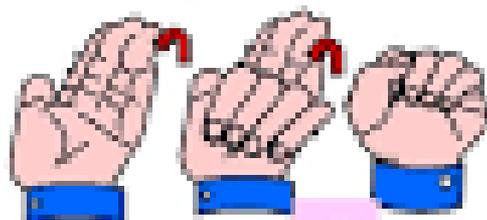
1

Realice círculos con el dedo pulgar, hacia un lado y luego hacia el otro. Repita 3 veces en cada lado.

Separe los dedos de las manos, y vuévalos a unir, repita 3 veces.



4



5

Flexione dedo por dedo, iniciando por el meñique, hasta cerrar el puño.



4.- SOLUCIONARIO 1.-

Los alumnos deben asociar, en las imágenes de las tareas, las redes con los cuerpos geométricos que forman, para esto ocupan el conocimiento que ya tienen del número de caras, figuras geométricas que conforman el cuerpo geométrico que se observan en la red que conforma el cuerpo geométrico.

ACTIVIDAD 1
IDENTIFICAR FIGURAS 2D y 3D

Objetivo: Identificar figuras relacionadas con cuerpos dados.

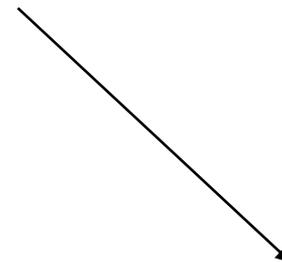
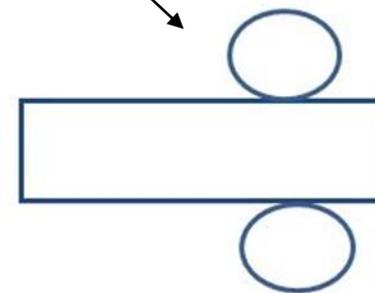
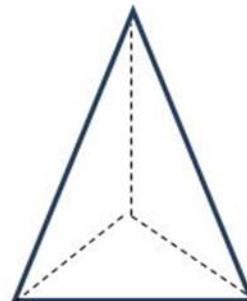
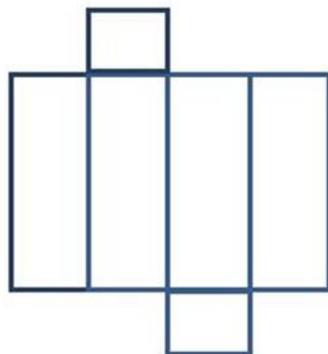
Instrucciones: Los cuerpos geométricos están desarmados, imagina la figura que resulta y únela con su red.

The diagram illustrates the relationship between 2D nets and 3D geometric bodies. On the left, there are three nets: a yellow net for a cylinder (one rectangle and two circles), a grey net for a cube (six squares), and a red net for a rectangular prism (six rectangles). On the right, there are three 3D shapes: a cylinder, a rectangular prism, and a cube. Arrows indicate the following associations: the yellow net connects to the cylinder, the grey net connects to the cube, and the red net connects to the rectangular prism.

ACTIVIDAD 2
RELACIONAR FIGURAS 2D y 3D

Objetivo: Relacionan figuras 3D con sus redes de figuras 2D.

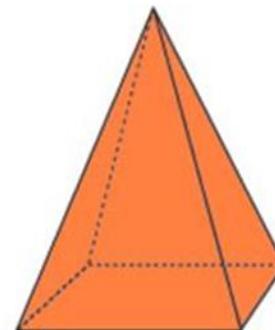
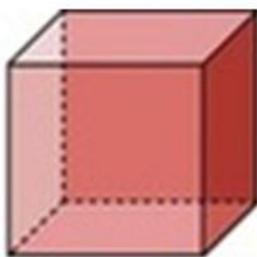
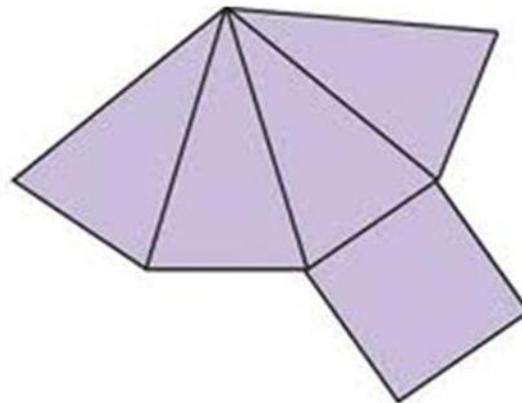
Instrucciones: Observa la figura 3D y colorea la red que corresponda.



ACTIVIDAD 3
IDENTIFICAR REDES EN FIGURAS 2D y 3D

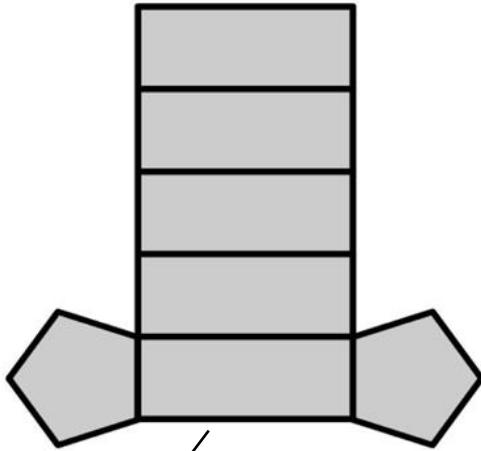
Objetivo: Observan redes e identifican sus figuras 3D.

Instrucciones: Señala la figura 3D a la que pertenece esta red.



Qué figura se puede construir con...

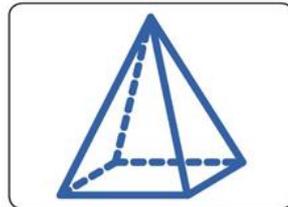
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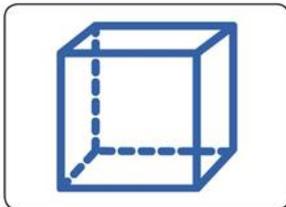
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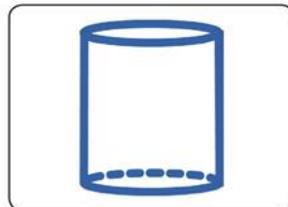
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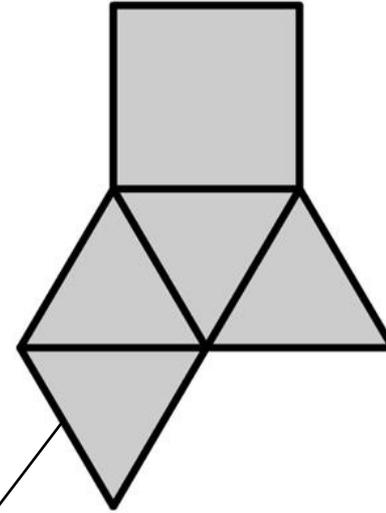
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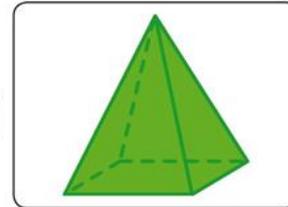
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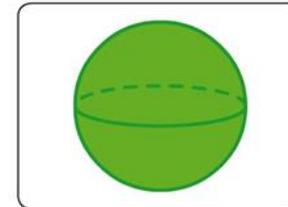
b.



1.



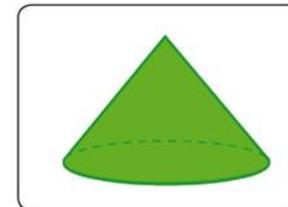
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2.

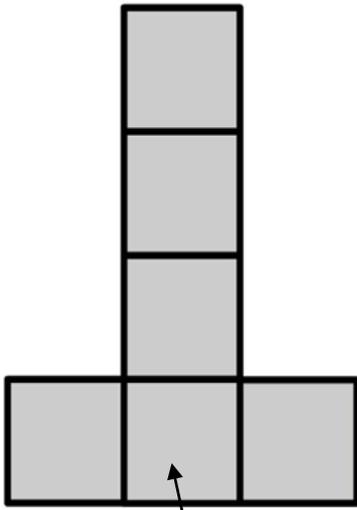


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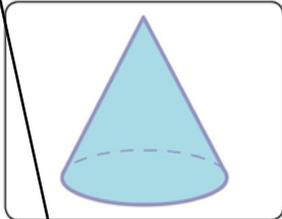
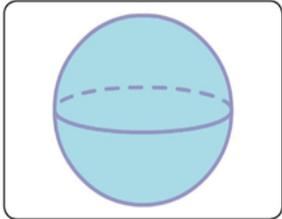


Qué figura se puede construir con...

a.

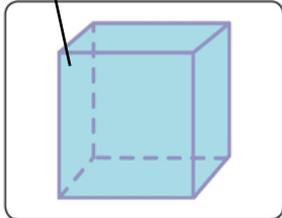
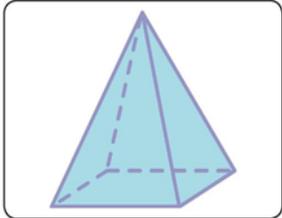


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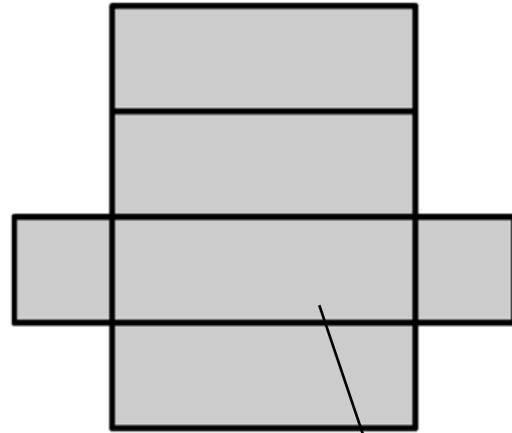
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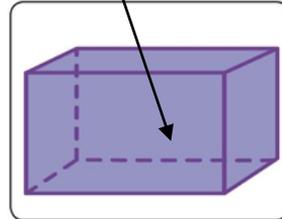
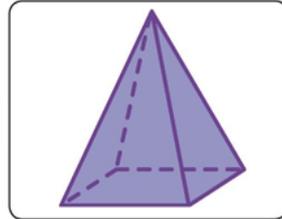


4.

b.

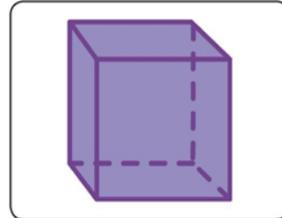
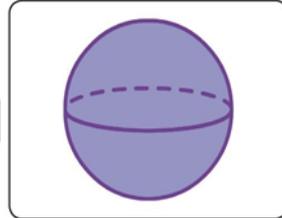


1.



3.

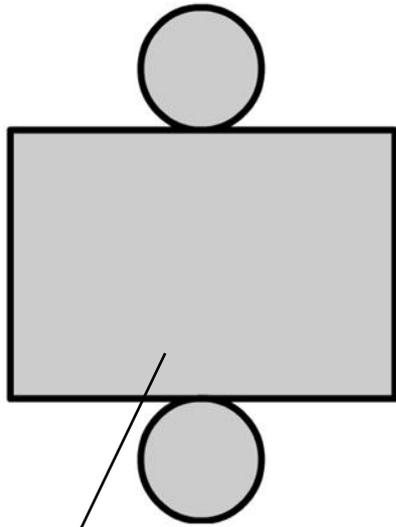
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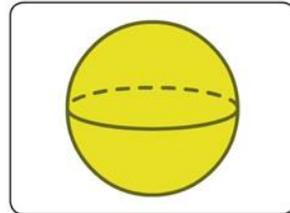
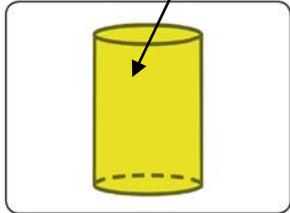
4.

Qué figura se puede construir con...

a.

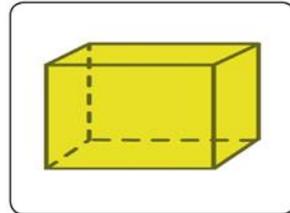
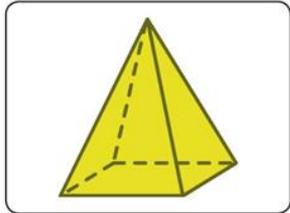


1.



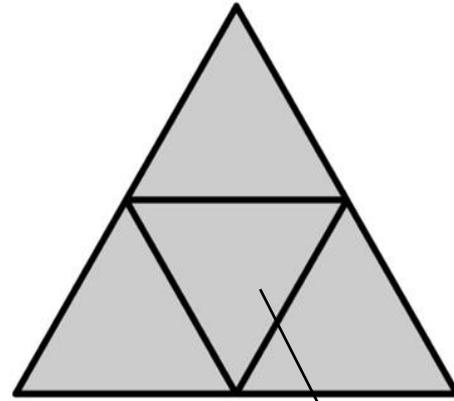
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2.

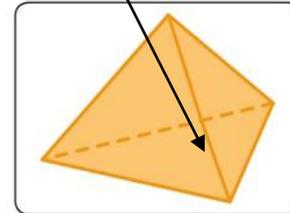
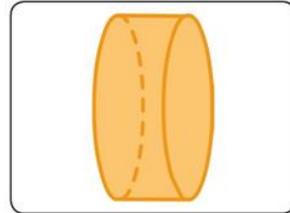


4.

b.

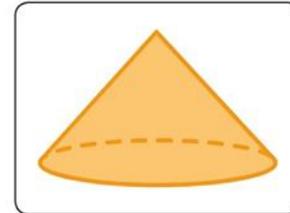
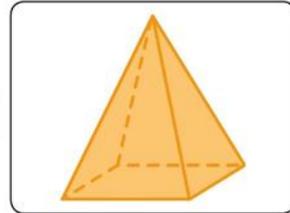


1.



3.

2.



4.

5.-AUTOEVALUACIÓN

Indicadores	Logrado	M . Logrado
Identifico las figuras geométricas que forman los cuerpos geométricos.		
Describo los cuerpos geométricos y los asocio con las redes respectivas.		
Puedo comparar y explicar las diferencias entre figuras 2D Y 3d		

///6.-TICKET DE SALIDA///

Indicador: Describen las figuras 2D que forman las redes (plantillas) de figuras 3D como cubos, paralelepípedos, cilindros y conos.

Relacionan redes de figuras 3D con las figuras 2D correspondientes.

1.- Logré asociar los cuerpos geométricos con las redes con las cuales los puedo armar.

2.-¿Qué estrategia utilizó para realizar esta asociación?

3.-¿Cómo explico la forma en que asocio el cuerpo geométrico con su red?

Niños(as), deseo que se encuentren todos muy bien junto a la familia, recuerden realizar sus actividades con entusiasmo y dedicación, a los que están enfermitos a cuidarse mucho en casa, los quiero mucho...les solicito enviar ticket de salida a mi correo, gracias

Profesora Verito.

