



Guía N° 32 de Matemáticas: Vistas de figuras 3D

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|--|-------------------------|----------------|
| Nombre: _____ | | |
| Clase N° 2 | Fecha: ____ - 08 - 2020 | Curso: 4° ____ |
| OA: Determinar las vistas de figuras 3D, desde el frente, desde el lado y desde arriba | | |

¿Sabías que fueron muchos los **aportes geométricos** de las civilizaciones precolombinas? Aplicaron la geometría en la construcción de ciudades, edificios, cerámicas y en los tejidos.



La gran mayoría de los templos, **son pirámides de base triangular o base cuadrada, prismas de base rectangular, en algunos casos cilindros; las puertas, hornacinas y ventanas eran de forma trapezoidal.**



La piedra fue el material básico empleado en la construcción. Estas piedras se encajaban unas con otras, tallándolas para que sus **CARAS** calcen perfectamente.

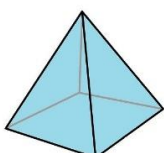
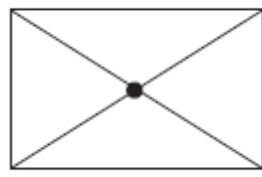


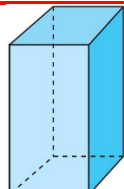





También se utilizaron diseños geométricos y simétricos en representaciones de figuras de animales y humanos.

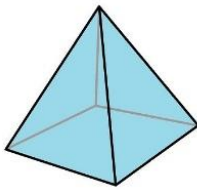
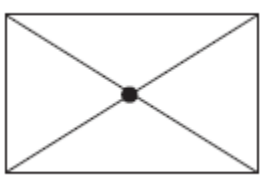


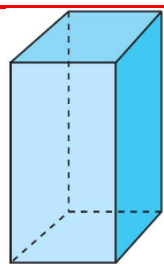
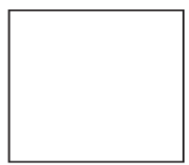
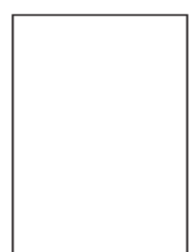



1) Pinta la vista que corresponde en cada caso.

Desde el frente:

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|  Nombre: _____ |    |
|  Nombre: _____ |    |

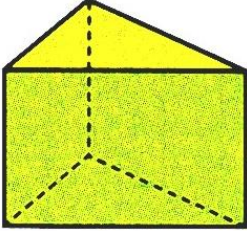
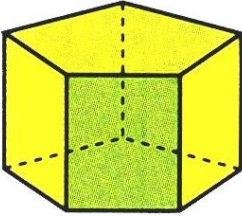
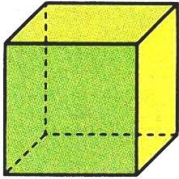
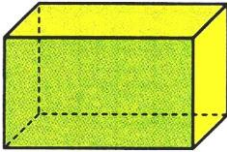
Desde arriba:

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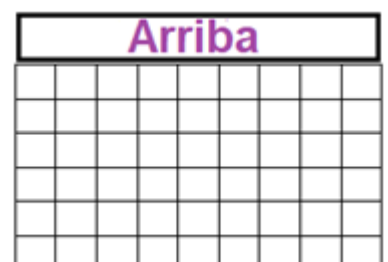
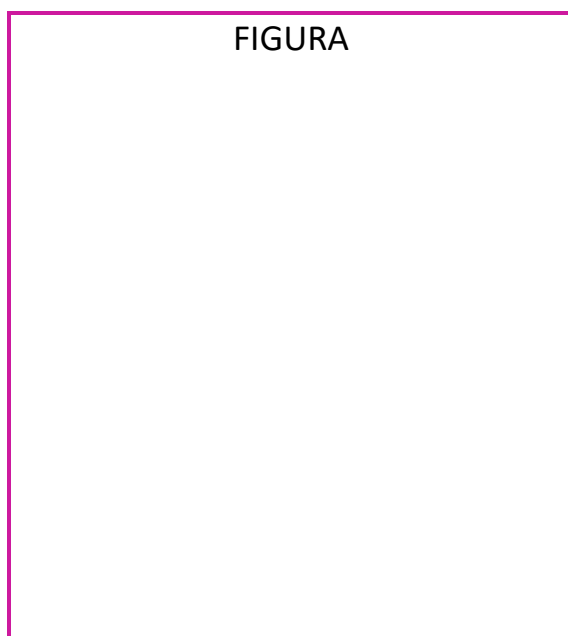


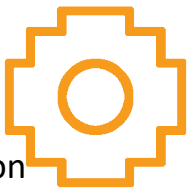


2.- Completa la siguiente tabla.

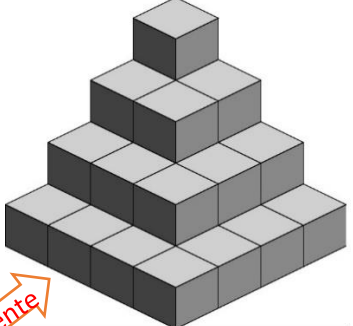
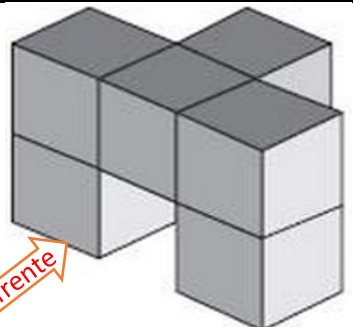
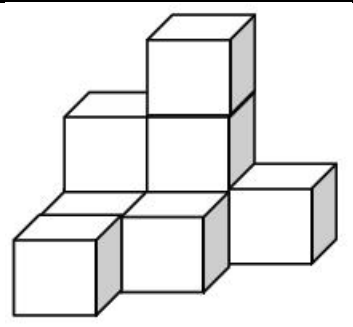
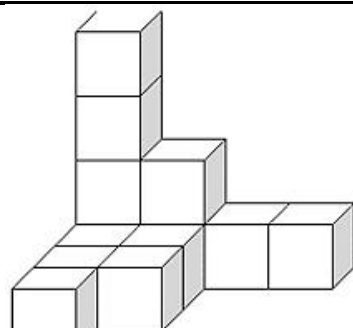
| Vistas figuras | Desde el frente | Desde el lado | Desde arriba |
|---|-----------------|---------------|--------------|
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3.- Dibuja una figura compuesta con todas sus vistas utilizando figuras 3D.
(Ayúdate con la cuadrícula)





4.- Agustín recorrió América en las vacaciones pasadas y quedó impresionado con las pirámides de los mayas, aztecas e Incas. Dibujó las siguientes representaciones de ruinas precolombinas. Ayúdalo a dibujar las vistas de las ruinas, usando la cuadrícula.

| Figura | frente | lado | arriba | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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