

TEMA 2

VISTAS DE UN OBJETO

1. ALZADO
2. PLANTA
3. PERFIL

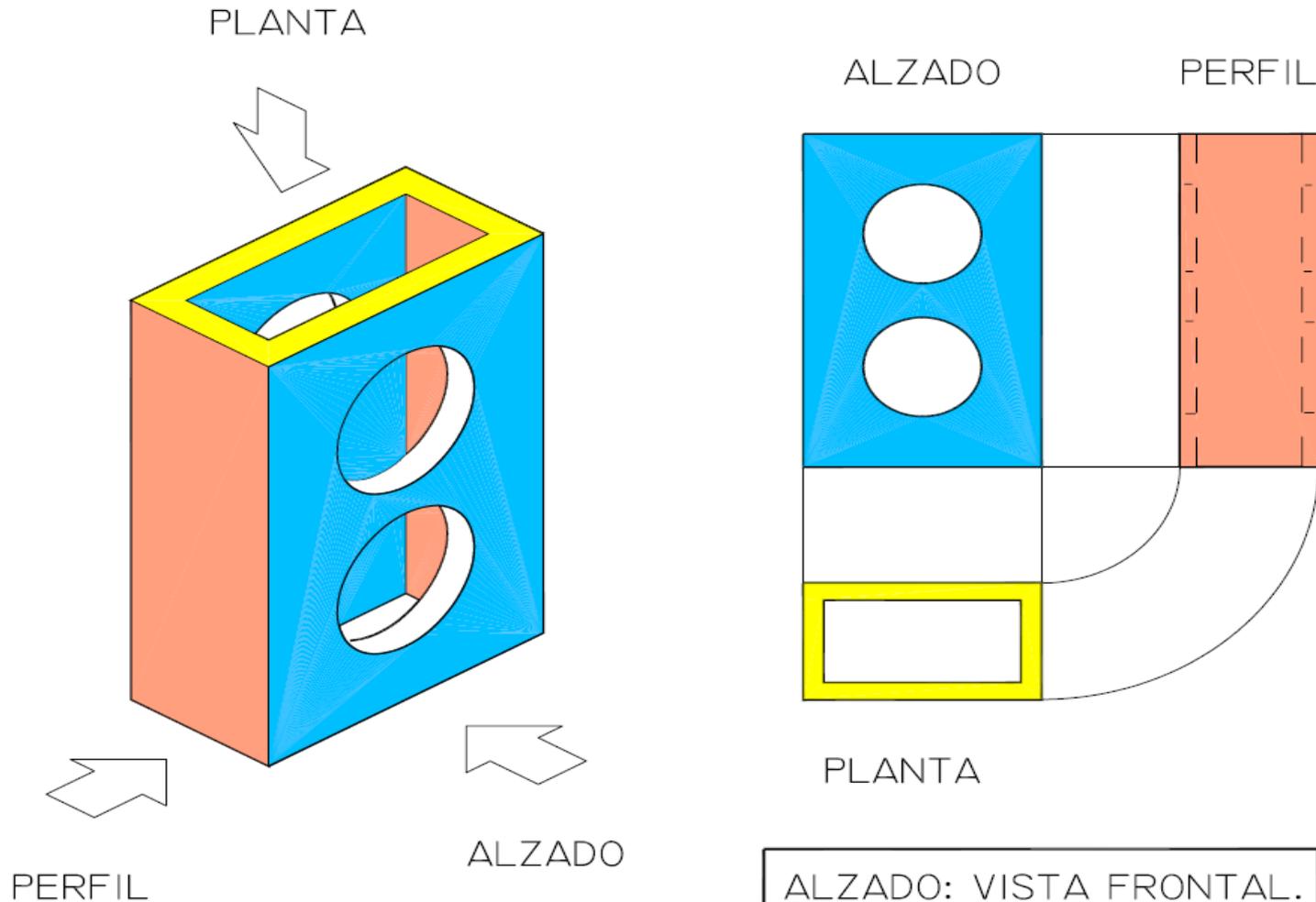
VISTAS

- ◆ Alzado: Es la vista de frente
- ◆ Planta: Es la vista de arriba
- ◆ Perfil derecho: Se mira la pieza por la izquierda del alzado y se dibuja a la derecha
- ◆ Perfil izquierdo: Se mira la pieza por la derecha del alzado y se dibuja a la izquierda

Normas a tener en cuenta cuando trabajamos con las vistas

- ◆ La altura del alzado es la misma que la del perfil.
- ◆ La anchura del alzado es la misma que la planta.
- ◆ La altura de la planta es la misma que la anchura del perfil.
- ◆ Las medidas de la planta se llevan al perfil con ayuda del compás

VISTAS DE UN OBJETO



ALZADO: VISTA FRONTAL.
PLANTA: VISTA SUPERIOR.
PERFIL: VISTA LATERAL.

■ LAS VISTAS DE UN OBJETO

La mayoría de los objetos tienen seis caras: la de arriba, la de abajo y las cuatro caras laterales. Estas caras pueden ser iguales entre sí, aunque es habitual que sean diferentes. Si esto es así, puede darse el caso de que no baste con un solo dibujo para representar el objeto. Al dibujar el objeto en perspectiva solo podemos representar tres caras y el que vea el dibujo no podrá saber cómo son las otras tres. Para solucionar este problema se emplean las vistas.

Vista superior o planta —



Vista o perfil izquierdo



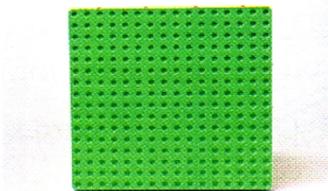
Vista o perfil derecho



Alzado o vista de frente

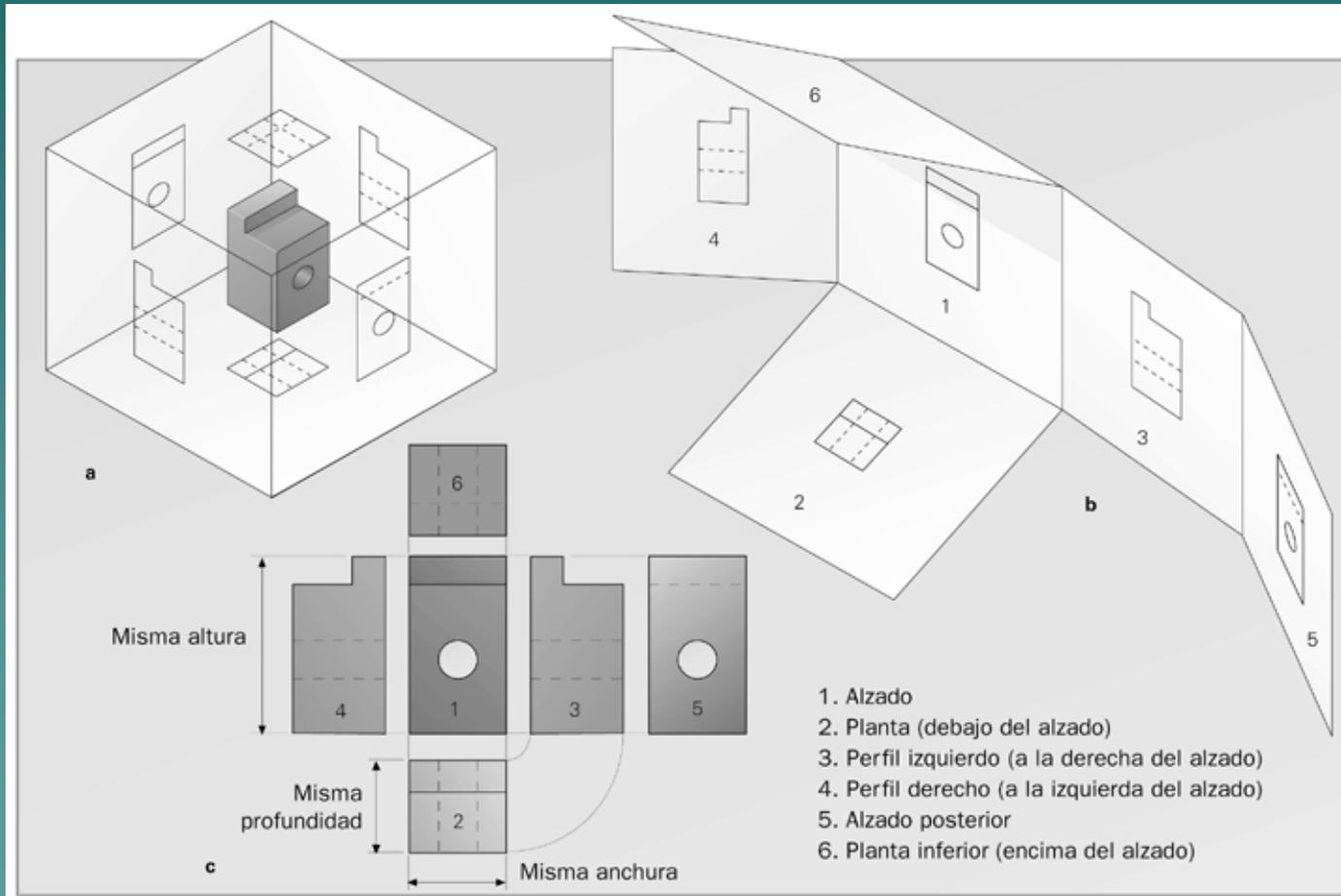
Vista o alzado posterior

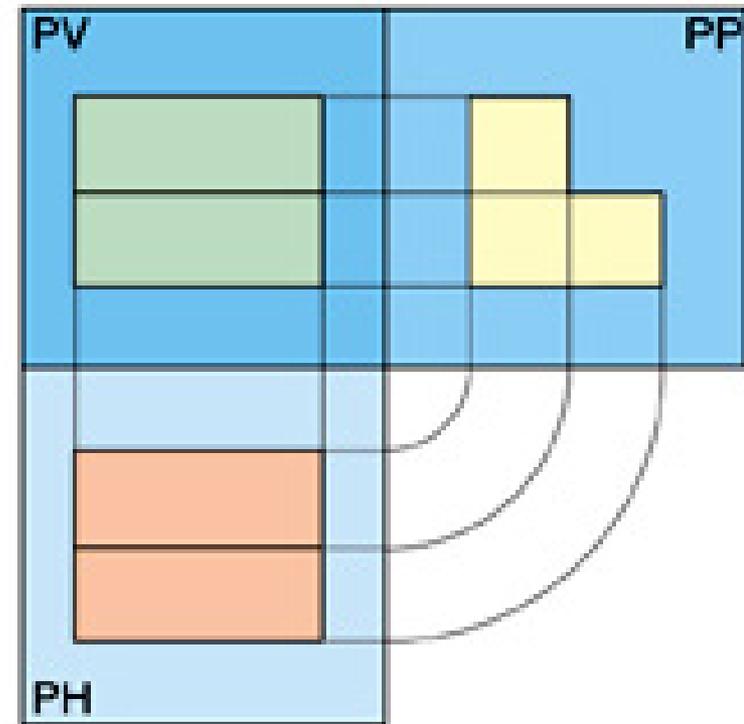
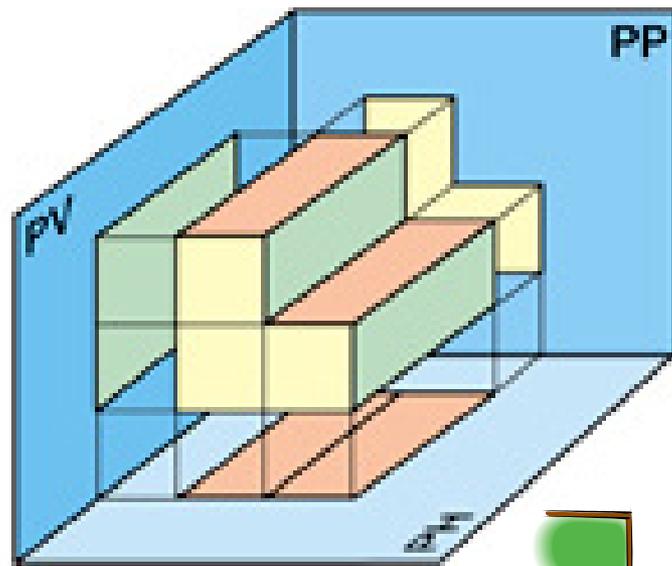
Vista o planta inferior —



Un objeto tiene seis vistas, pero para objetos sencillos o regulares se suelen utilizar sólo tres: alzado, planta y uno de los perfiles.

DESCOMPOSICIÓN DE UNA PIEZA



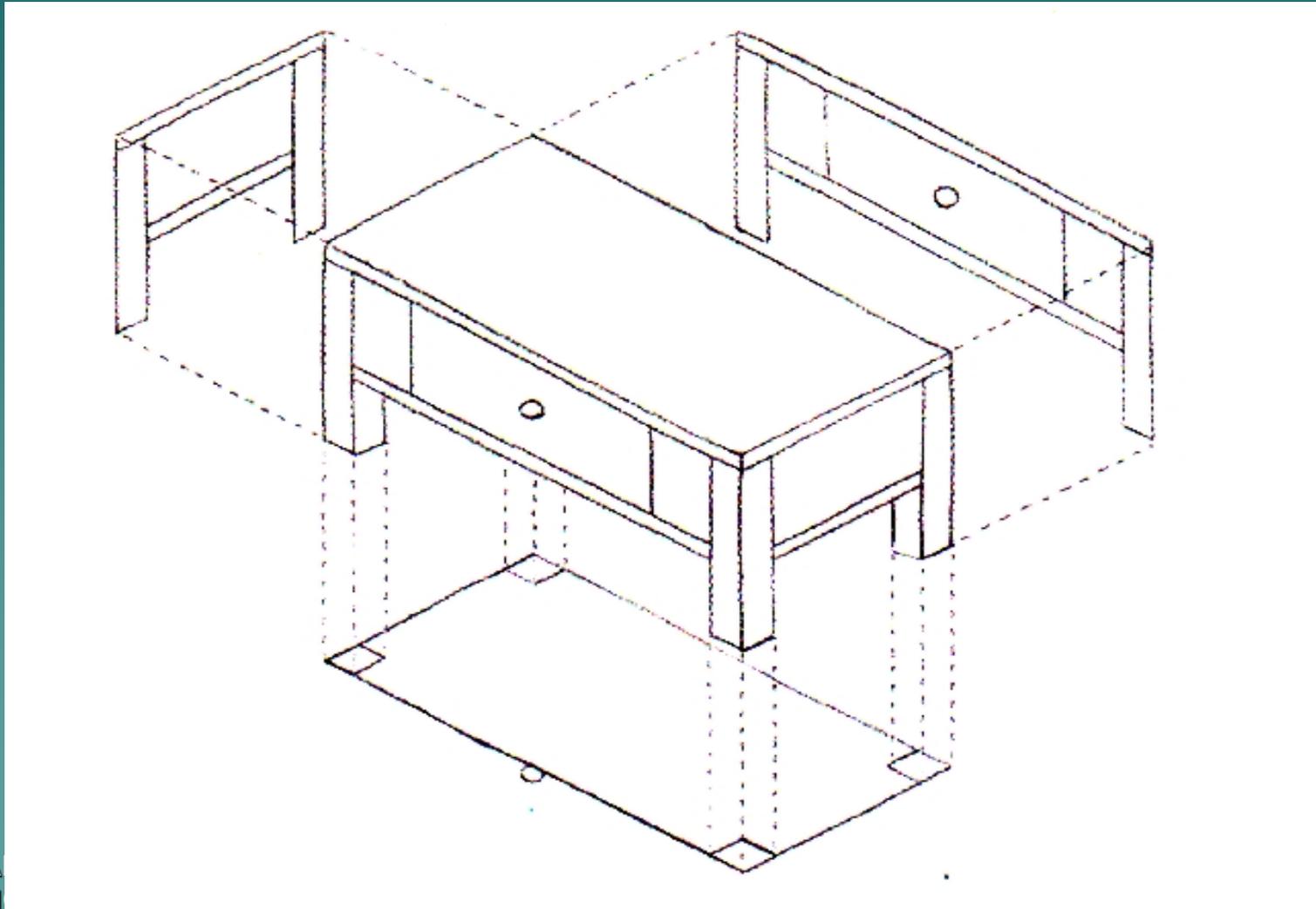


Para obtener el alzado y la planta, hallamos las proyecciones vertical y horizontal del objeto.

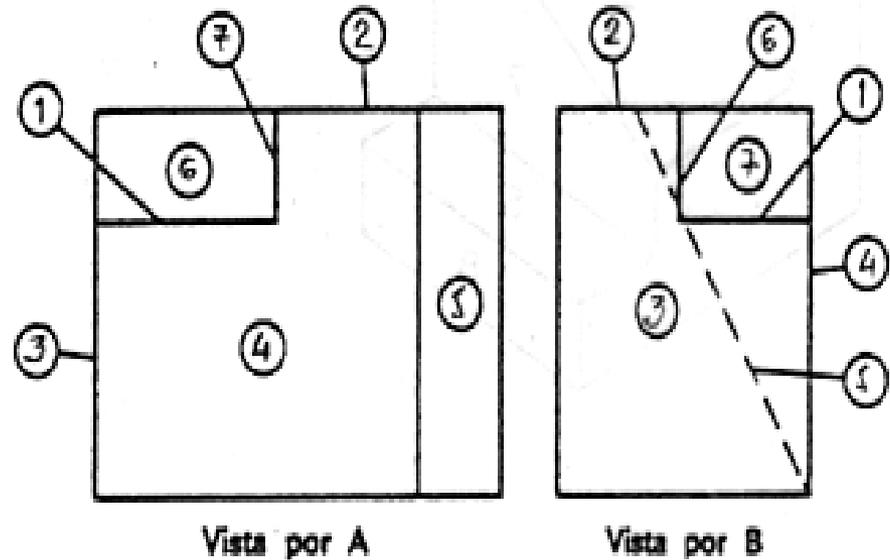
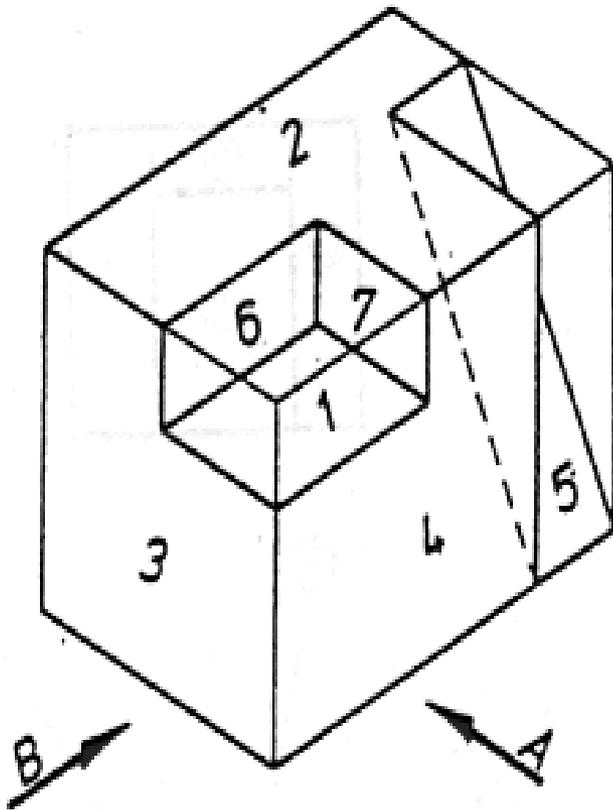
Para obtener el perfil, hallamos la proyección ortogonal de cada uno de sus vértices sobre el plano de perfil.

A continuación, giramos el plano de perfil hasta hacerlo coincidir con el plano vertical, y seguidamente giramos los dos planos hasta hacerlos coincidir con el PH.

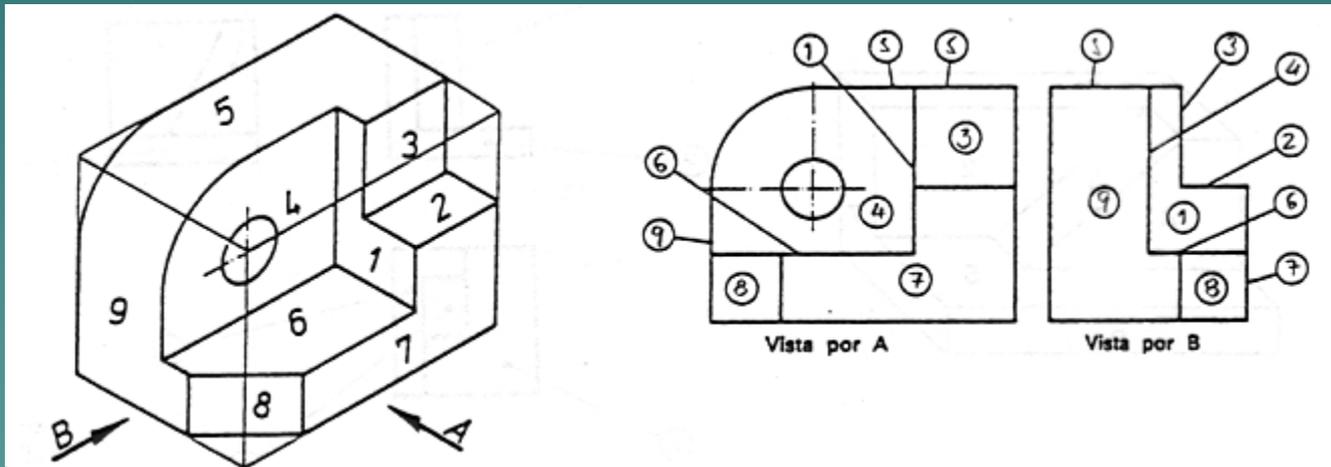
VISTAS DE UNA MESA



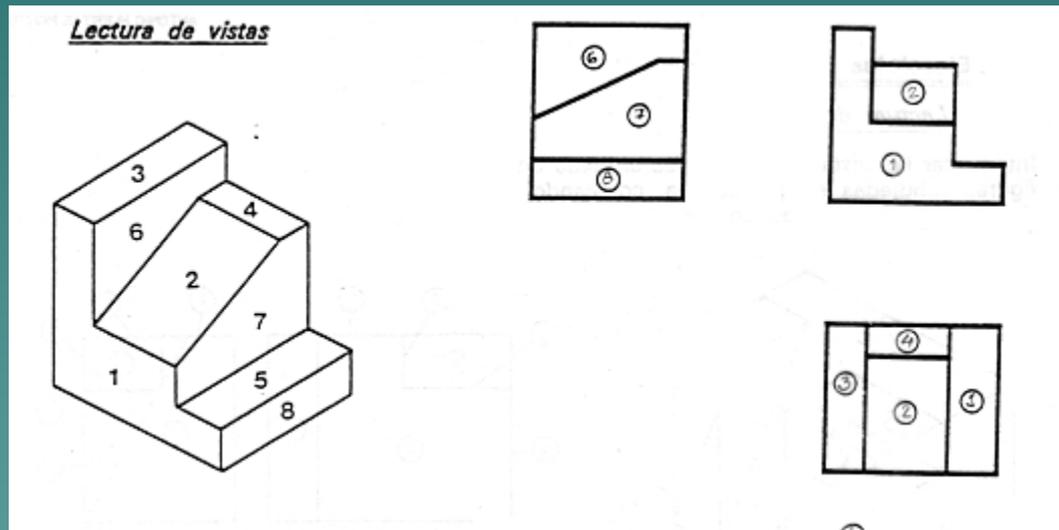
ASOCIAR LAS ARISTAS Y LAS SUPERFICIES DE UNA PIEZA



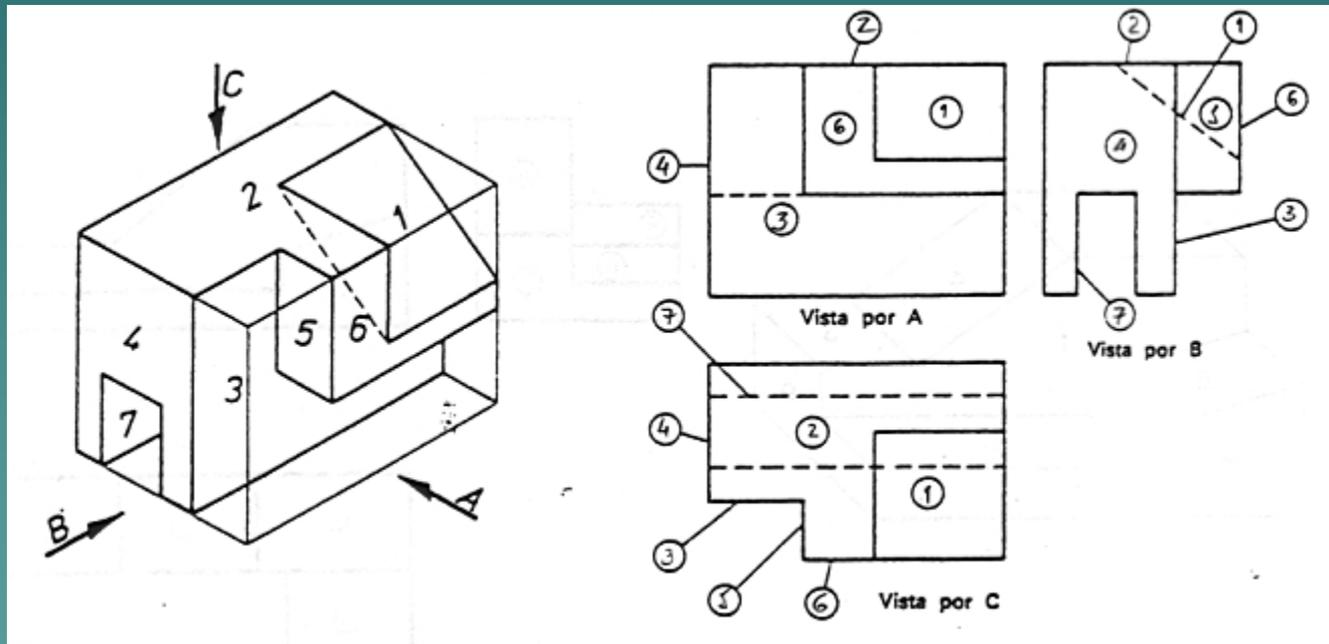
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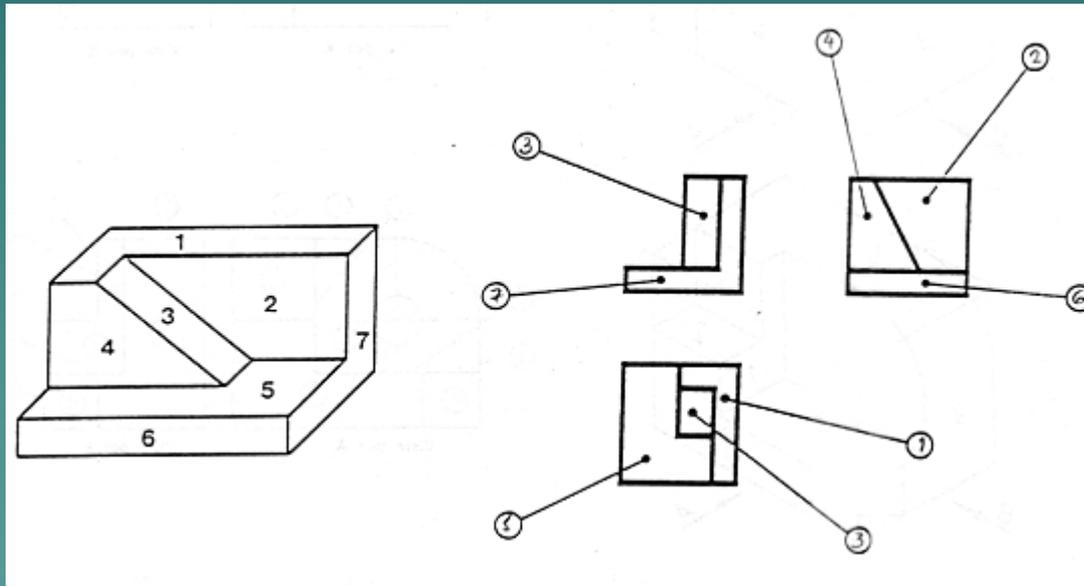
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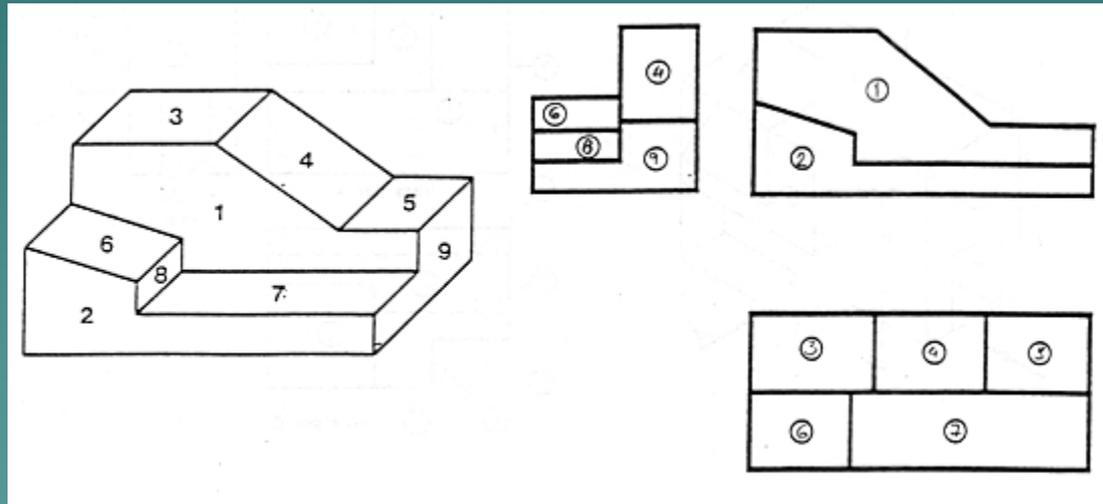
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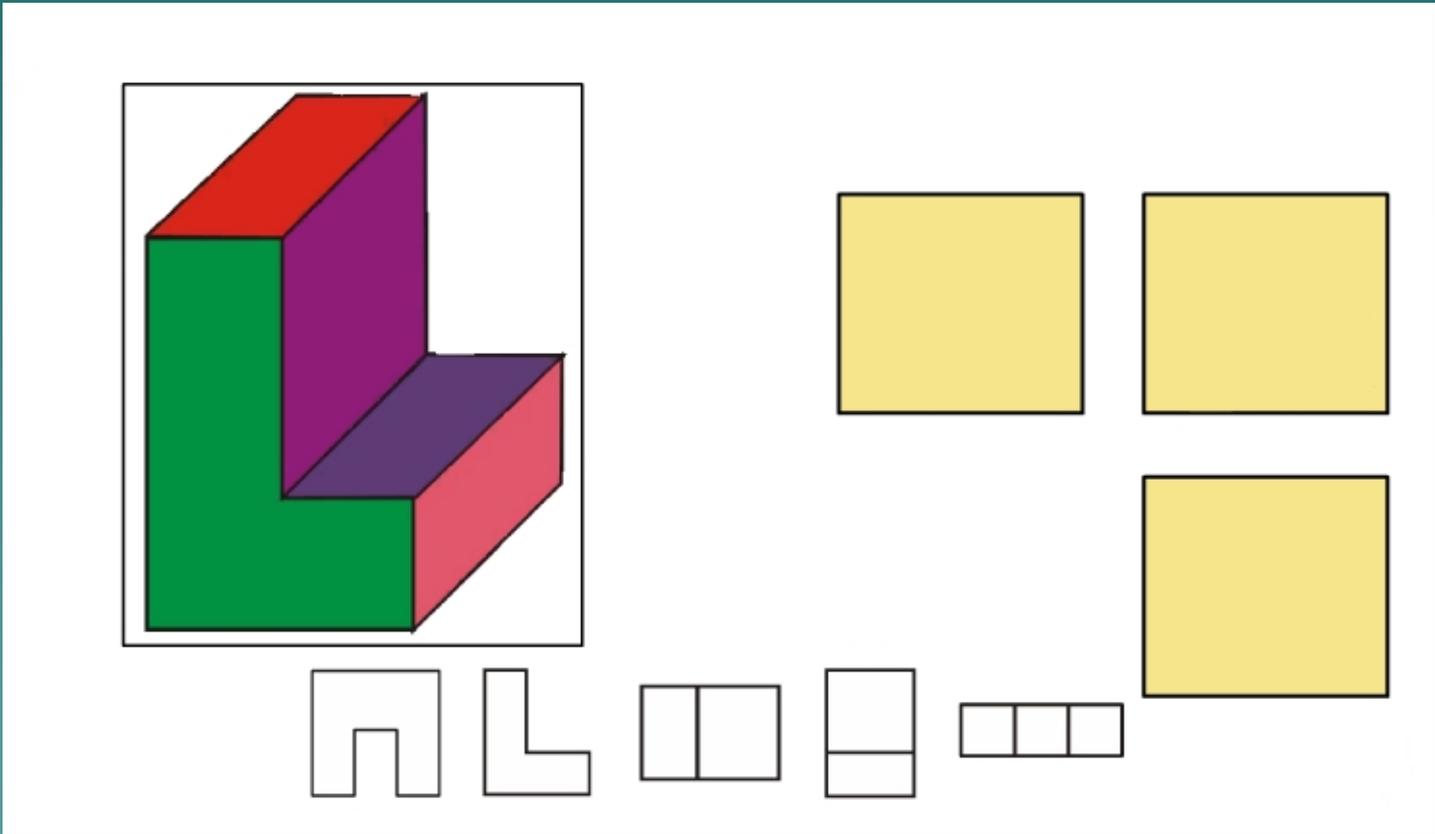
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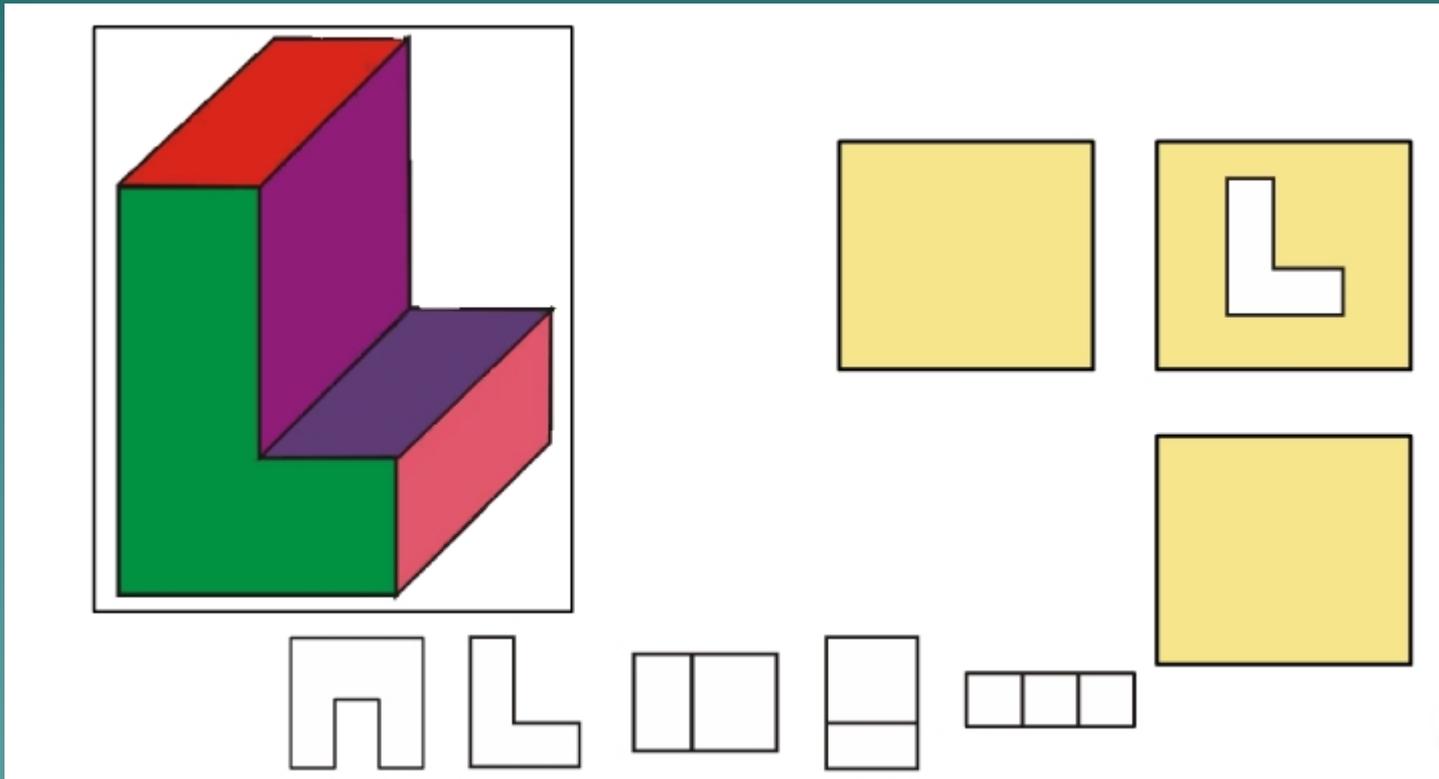
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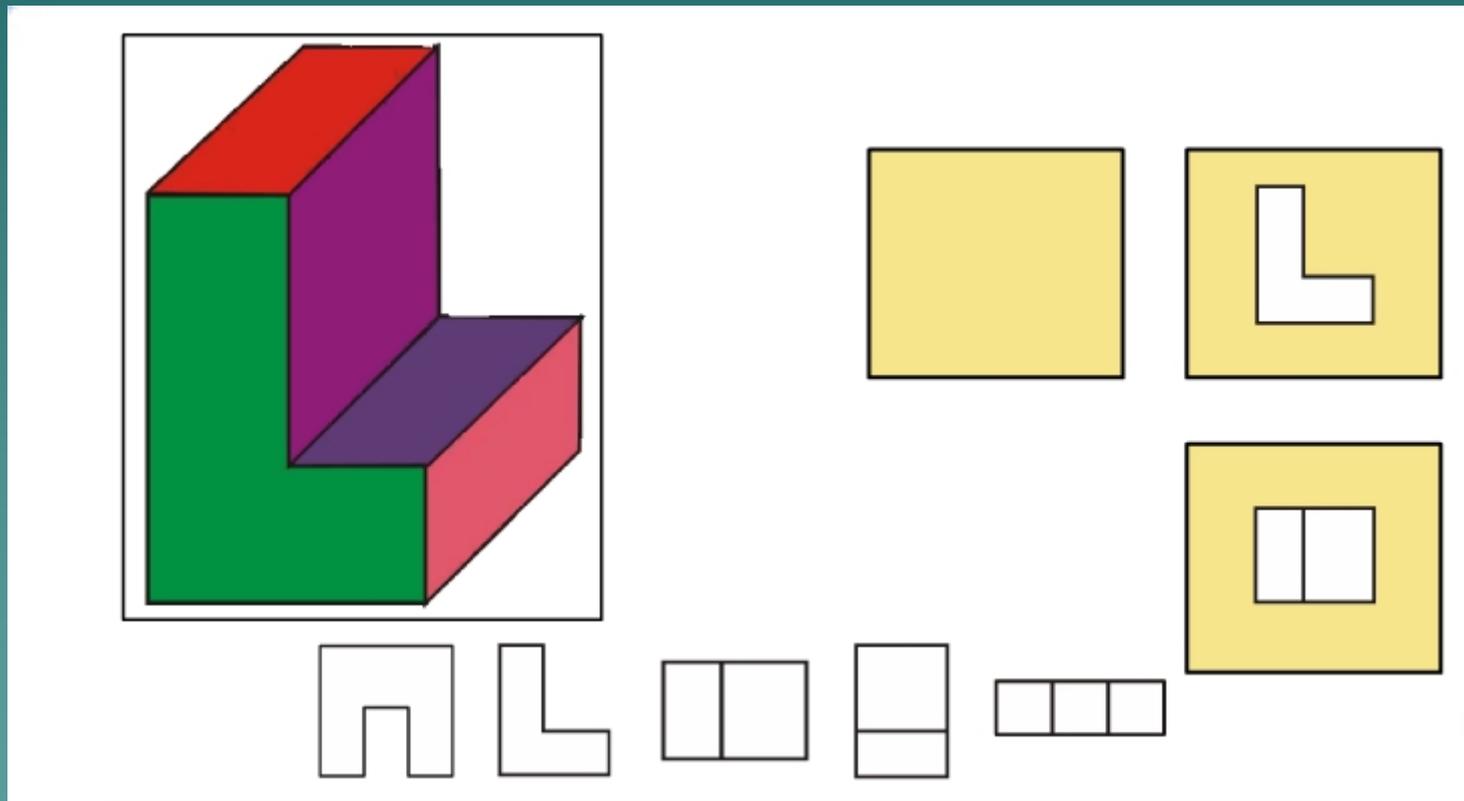
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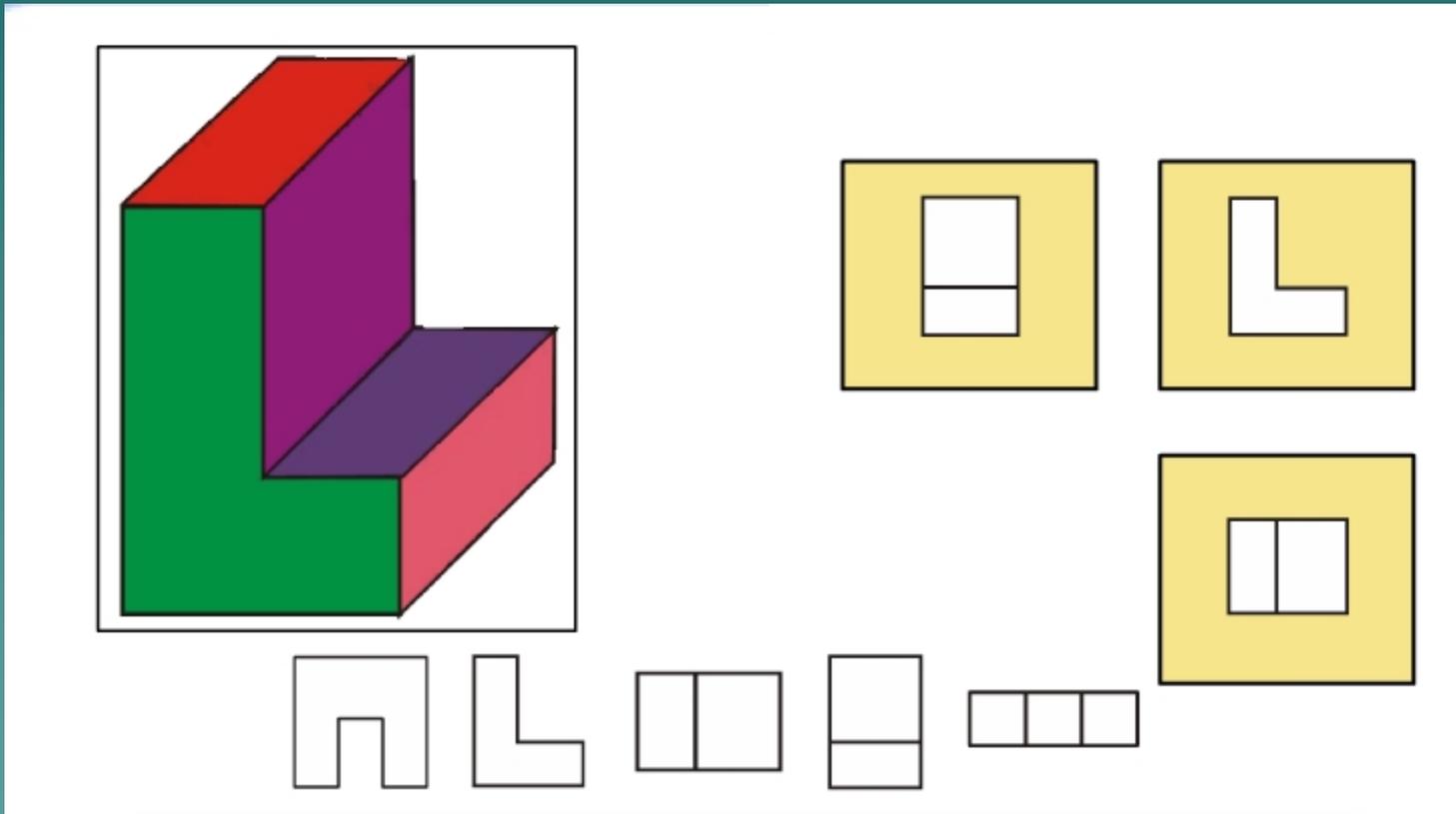
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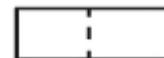
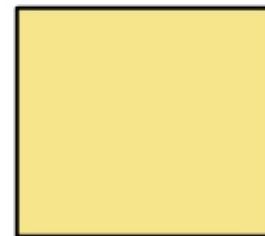
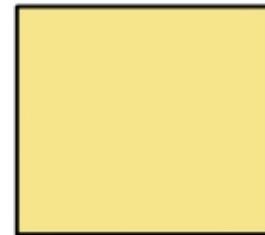
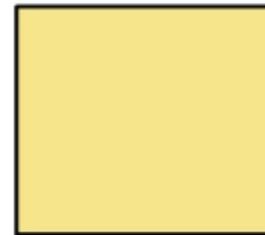
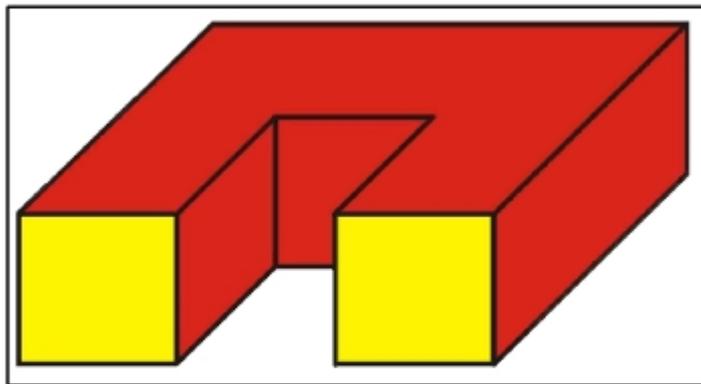
EJERCICIO 1 ALZADO PLANTA



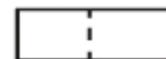
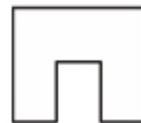
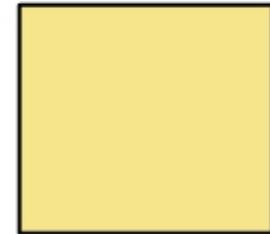
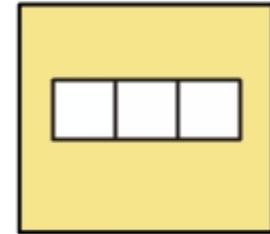
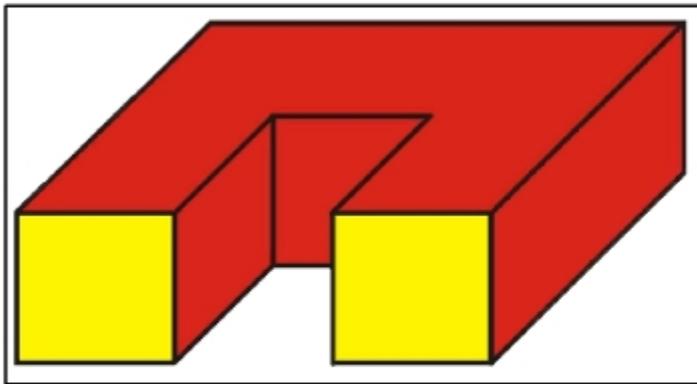
1 ALZADO PLANTA PERFIL



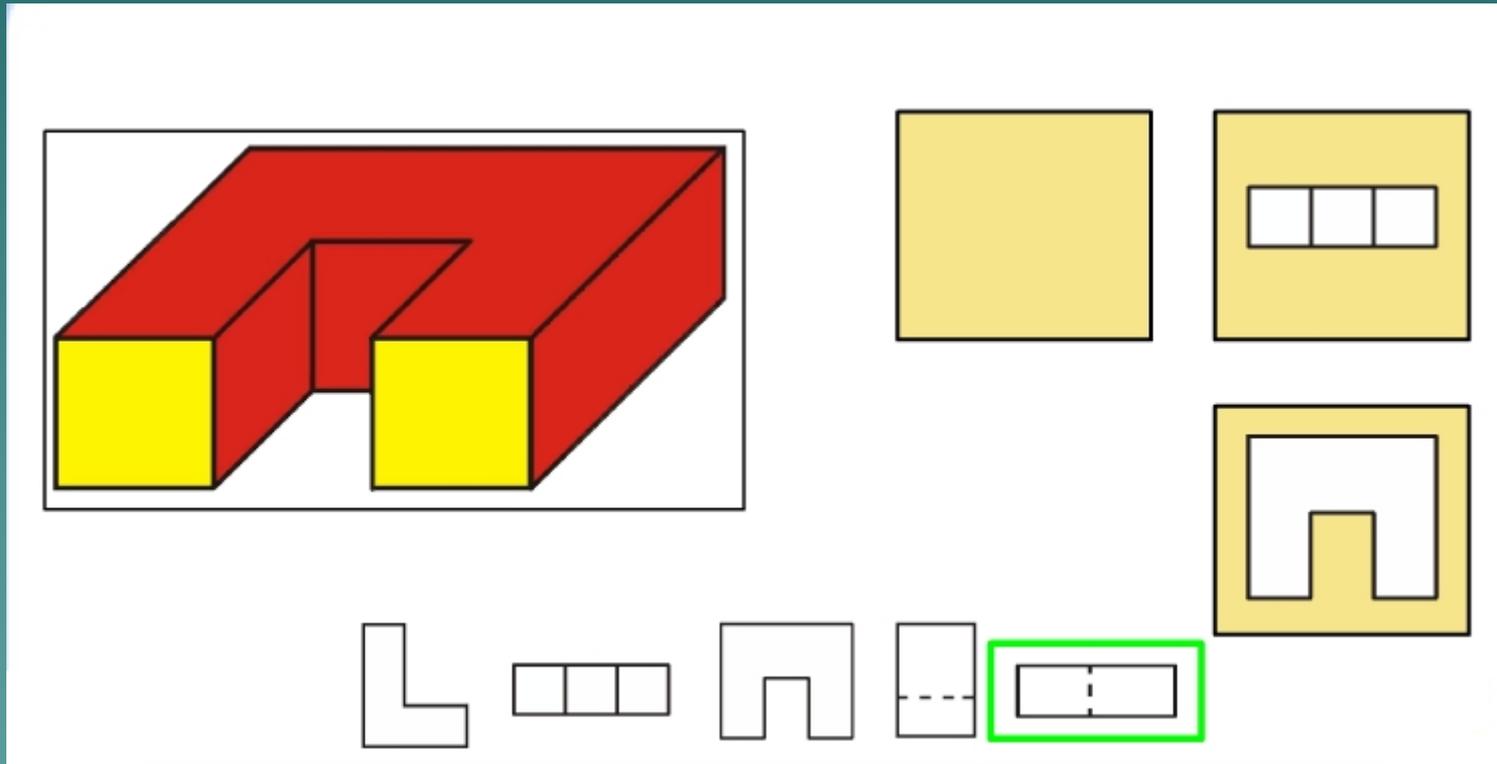
EJERCICIO 2



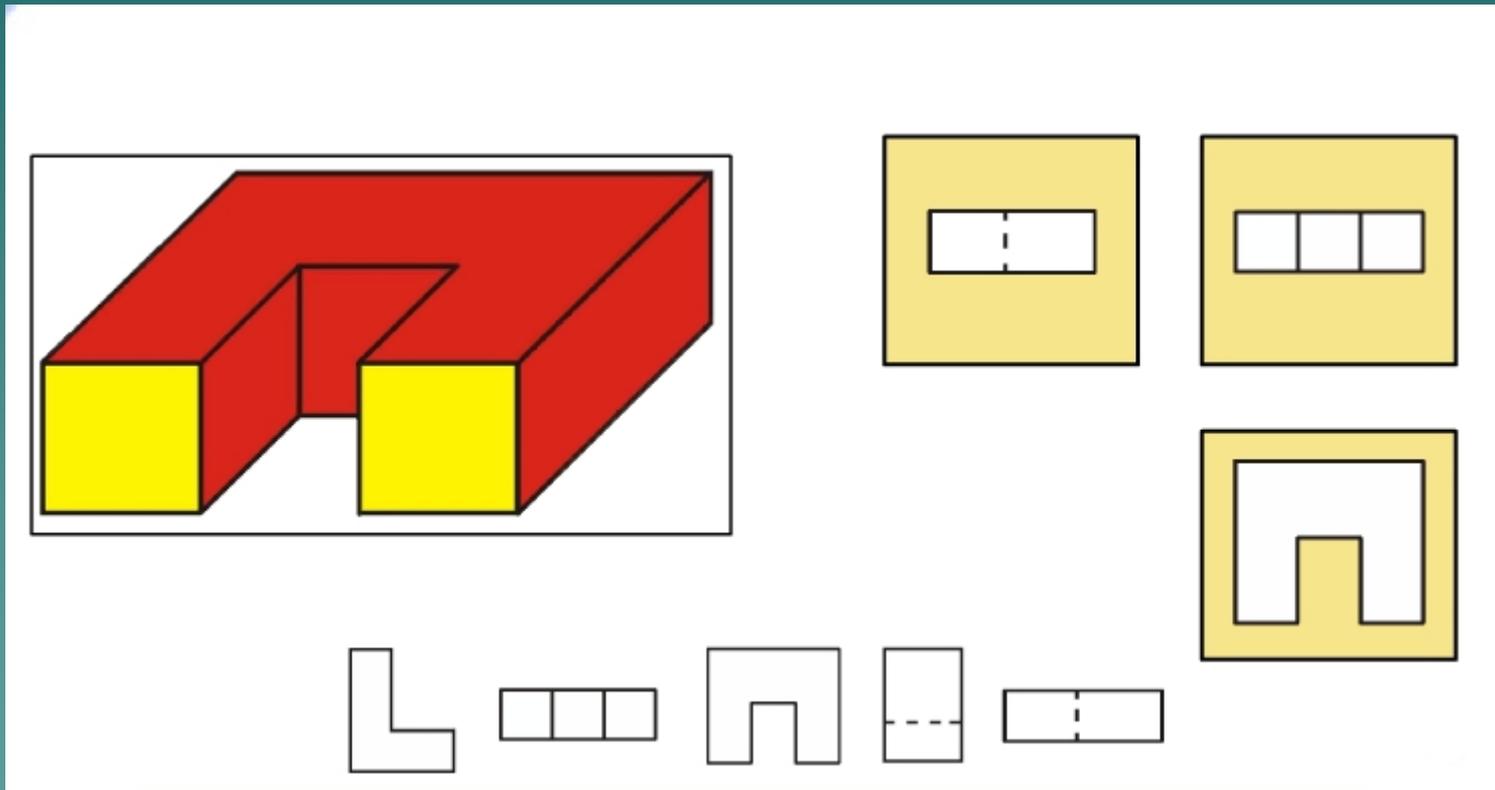
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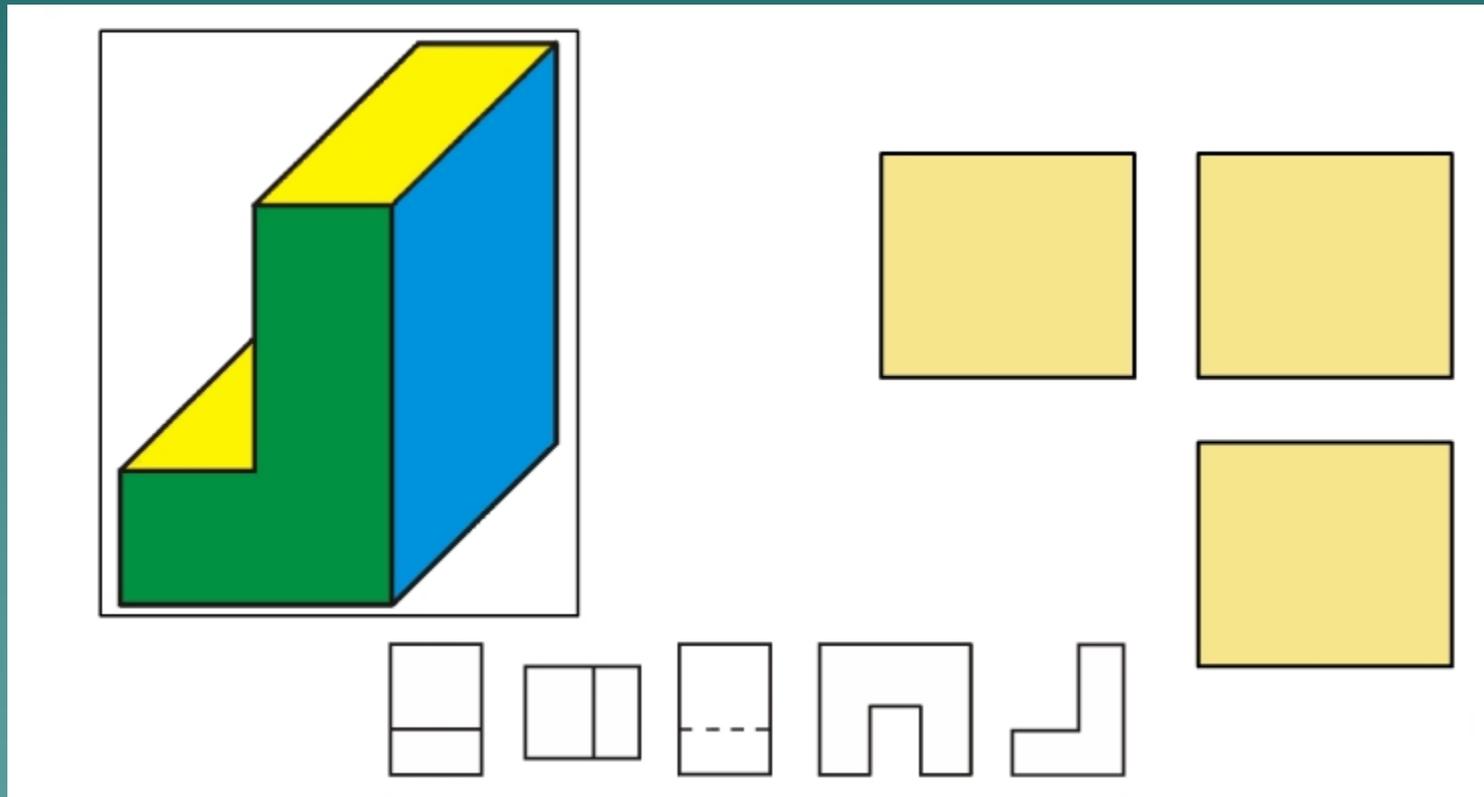
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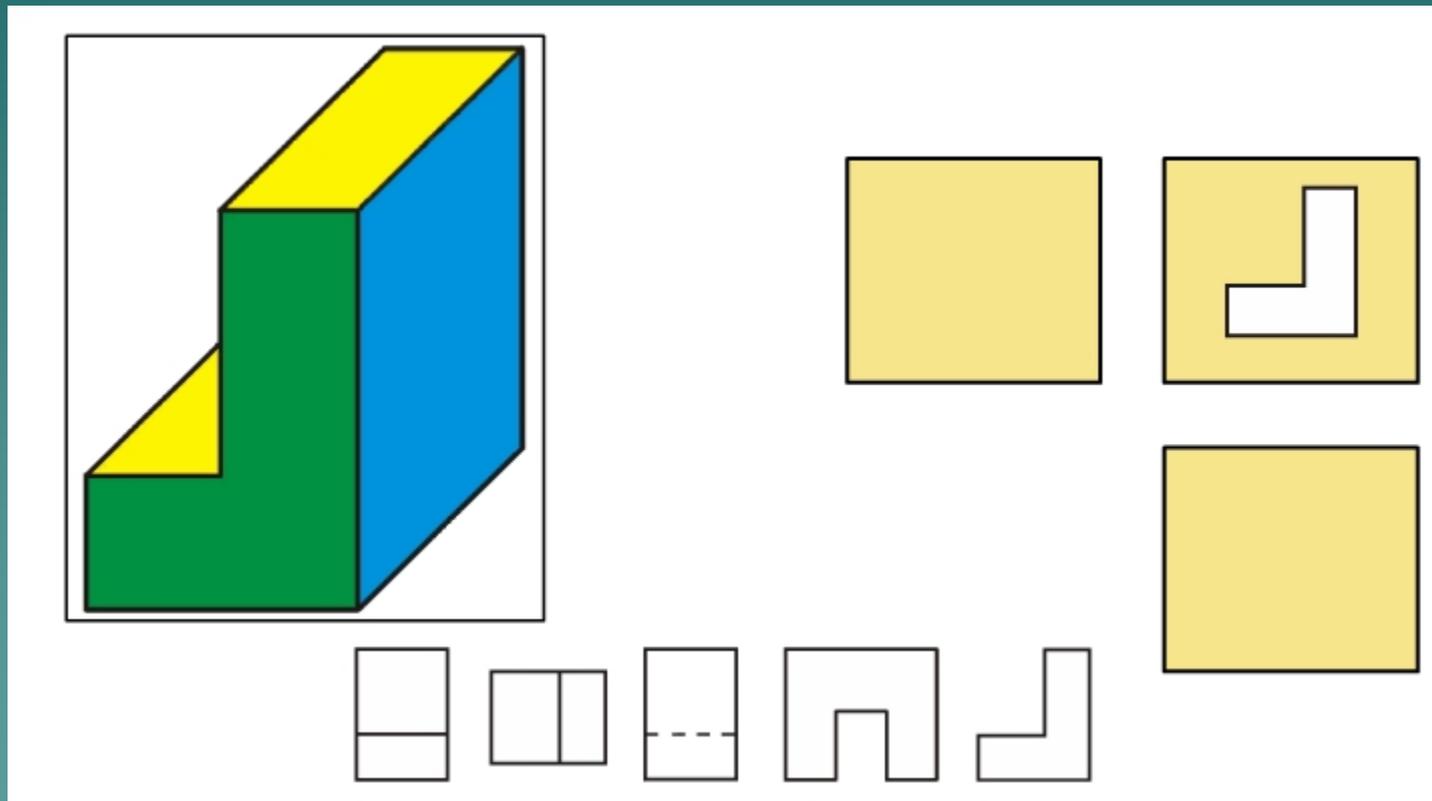
2 ALZADO PLANTA PERFIL



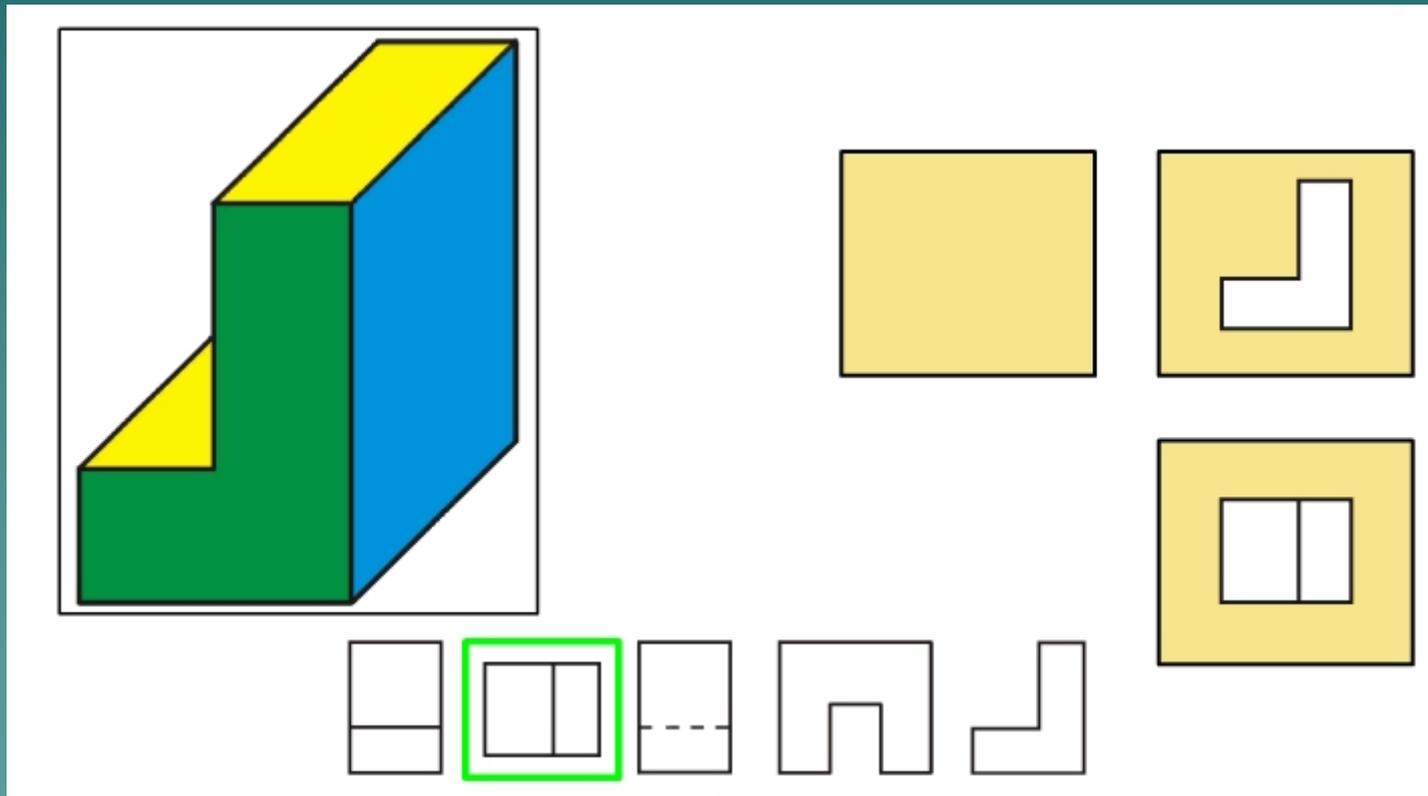
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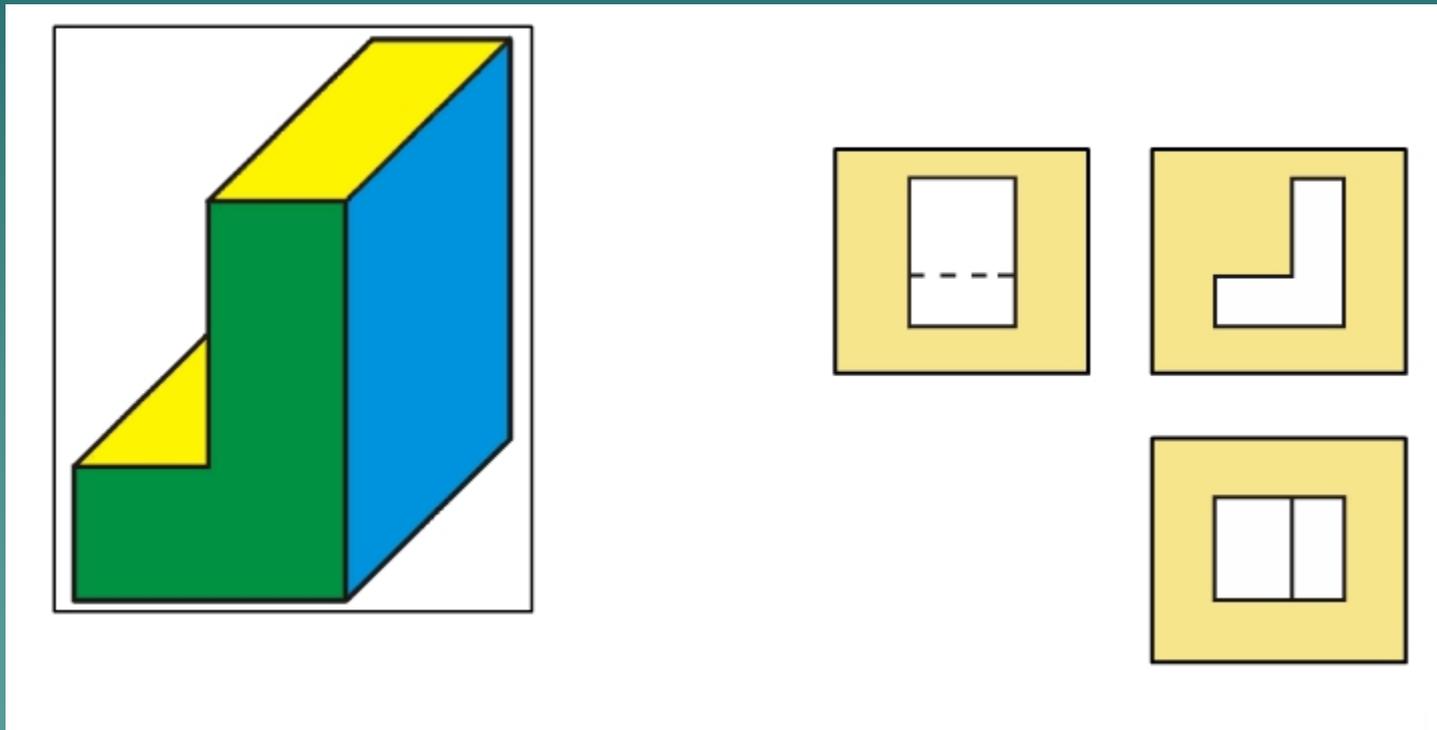
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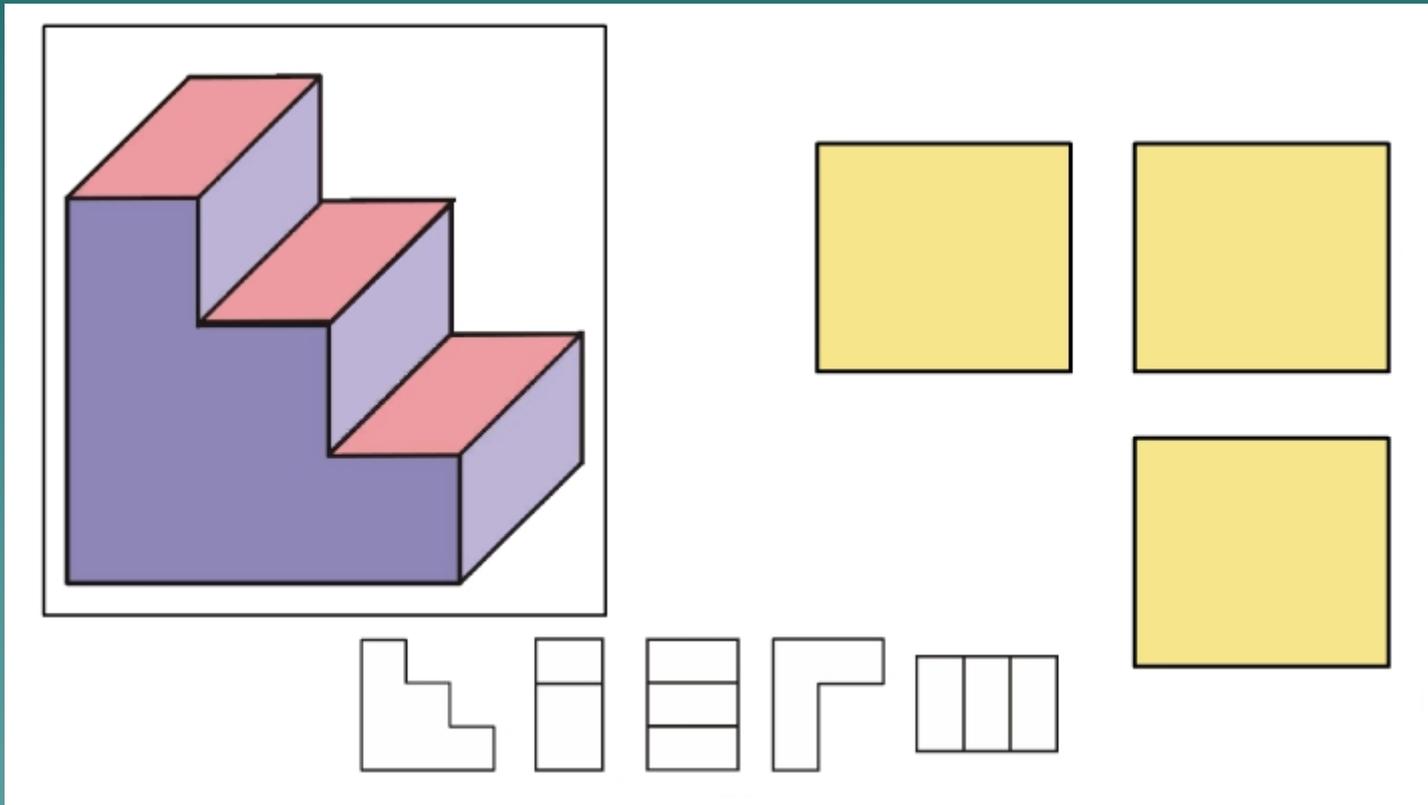
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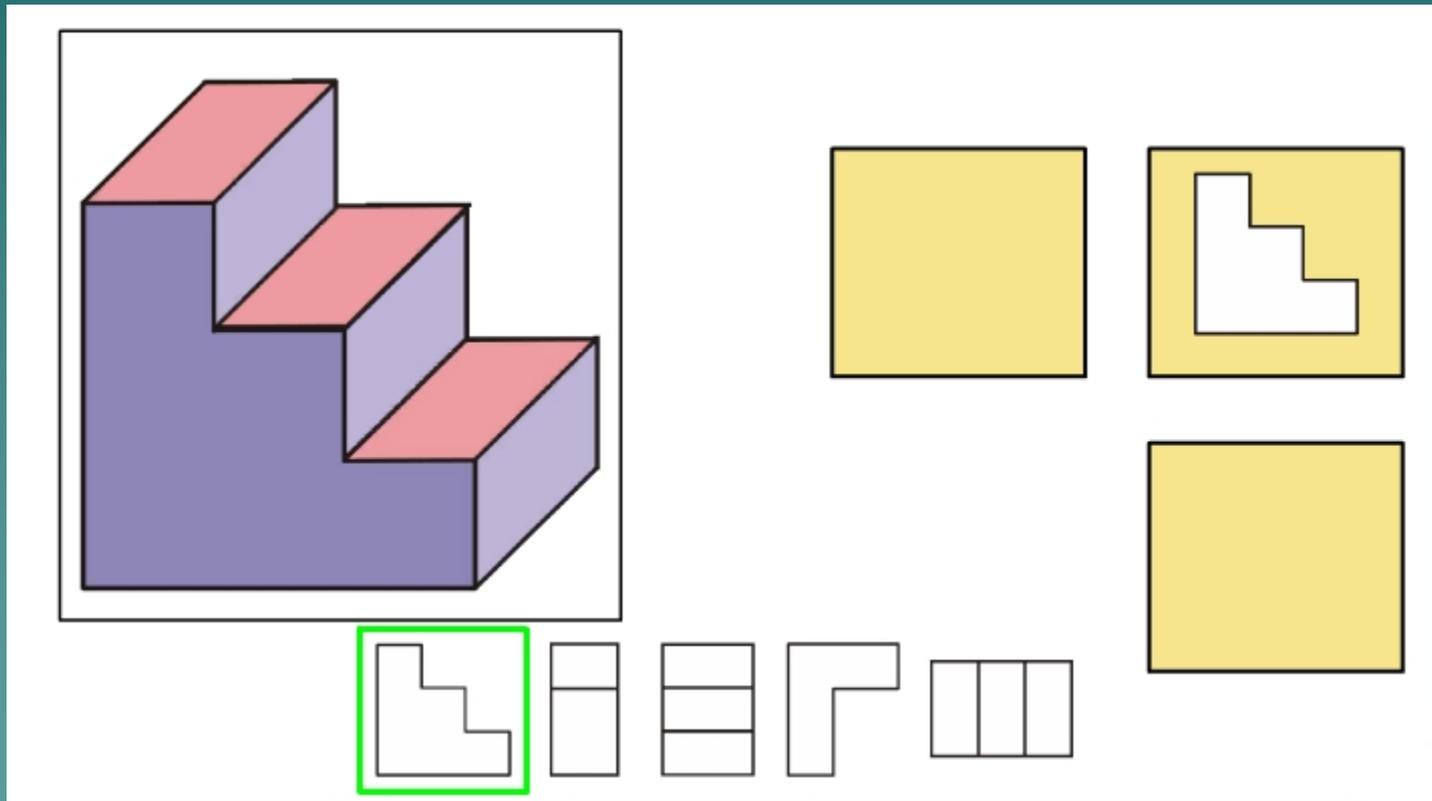
3 ALZADO PLANTA PERFIL



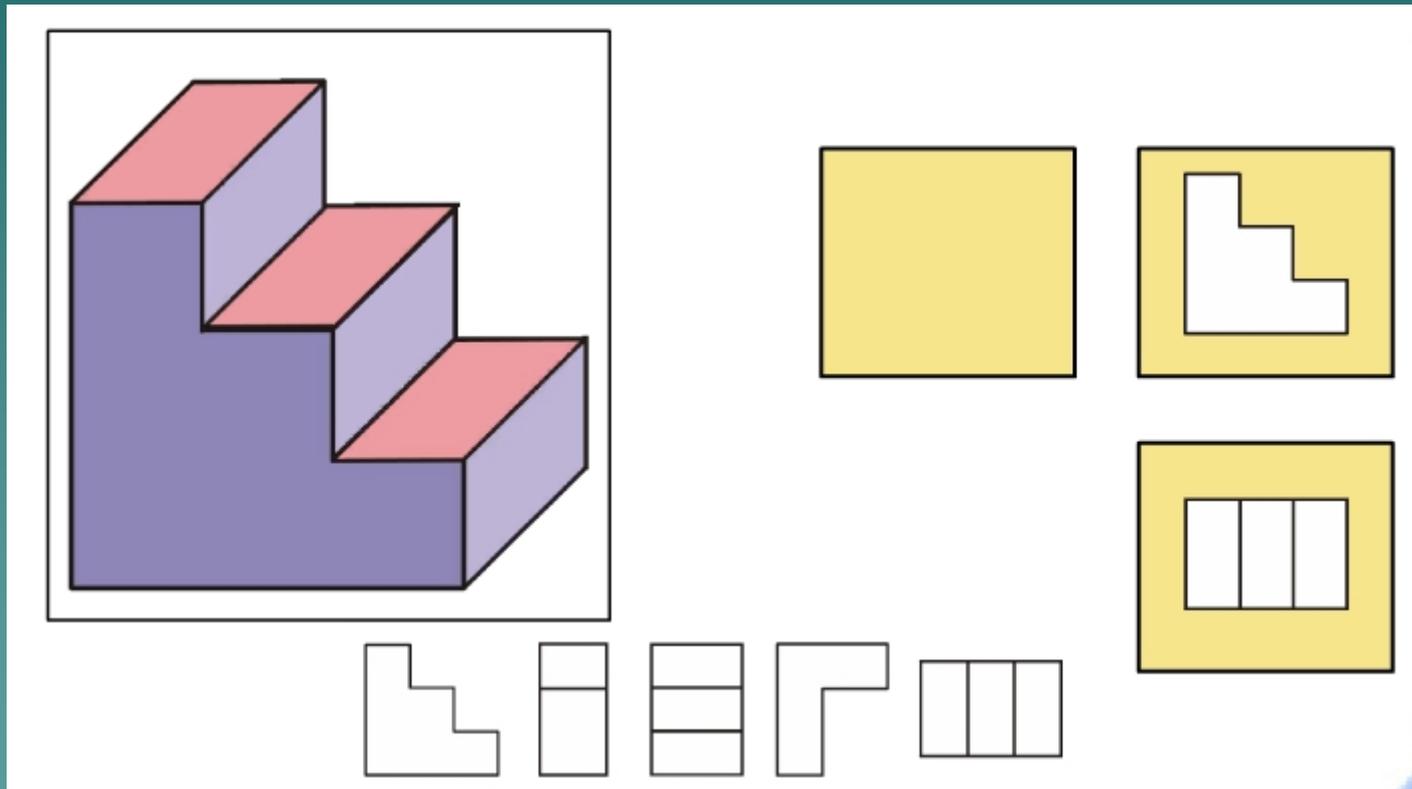
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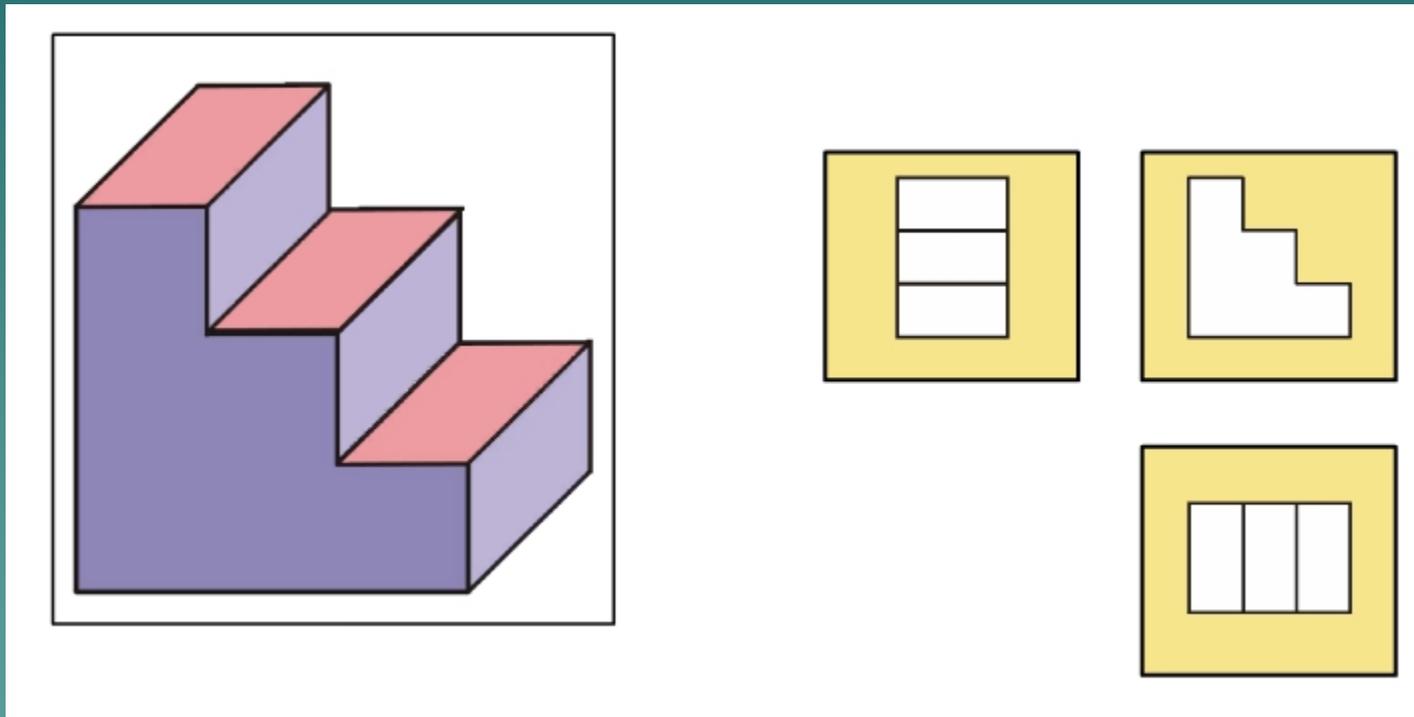
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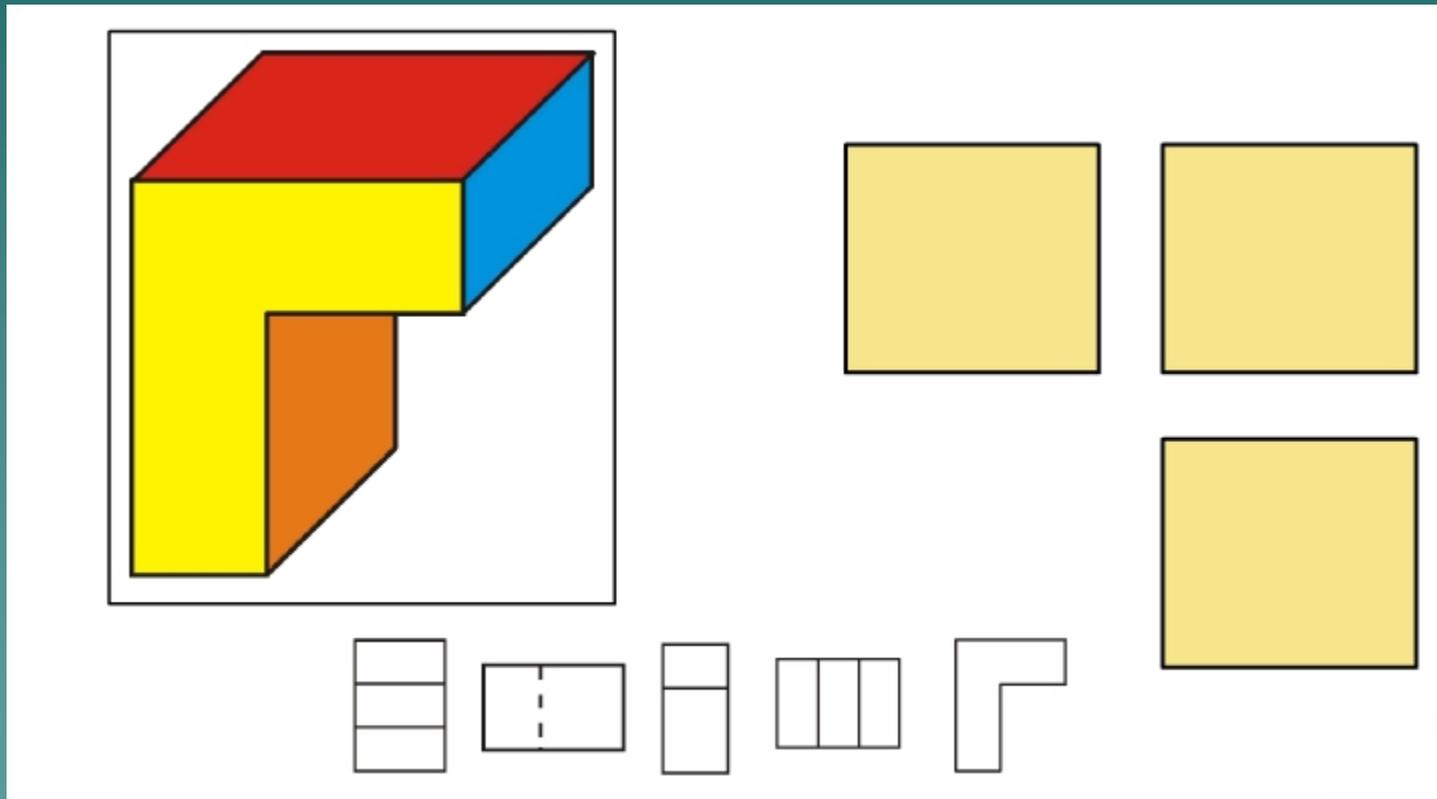
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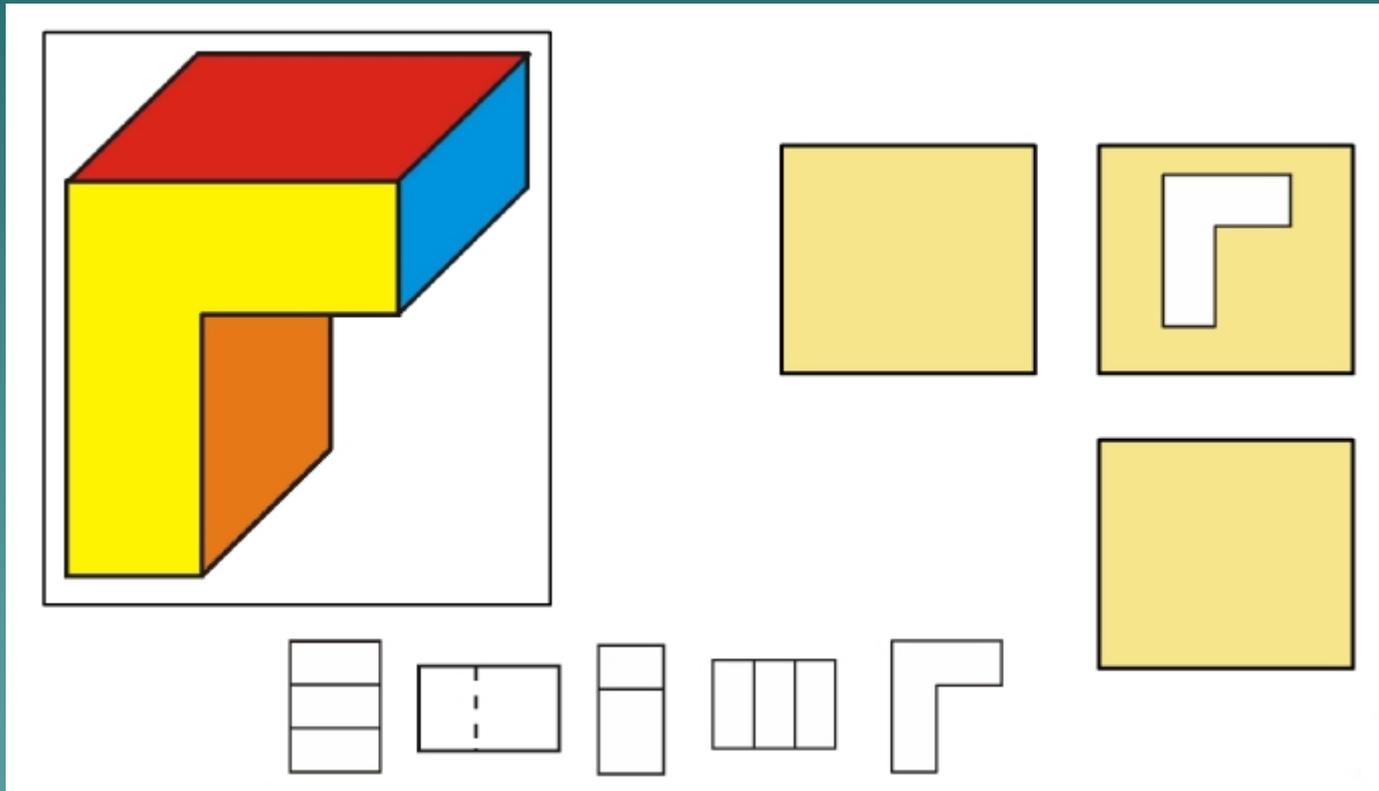
4 ALZADO PLANTA PERFIL



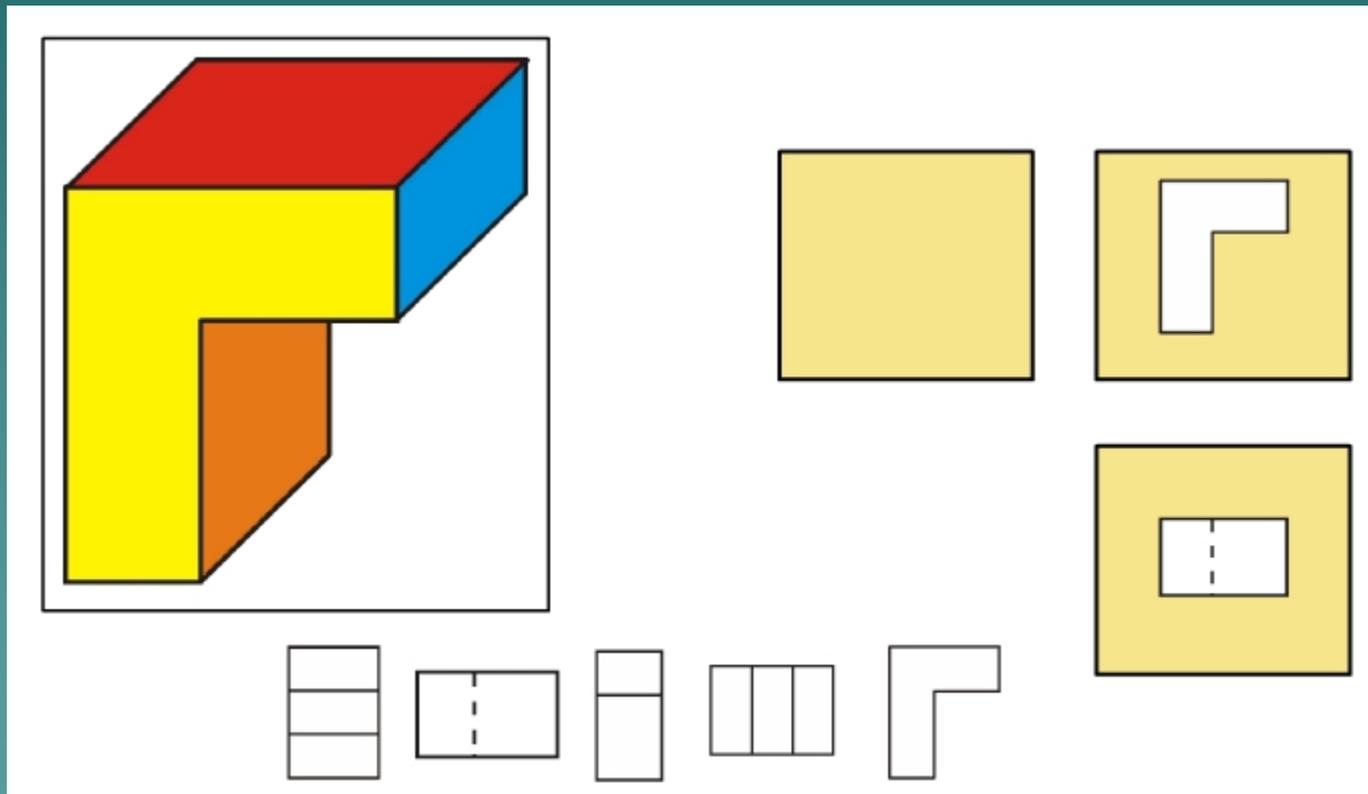
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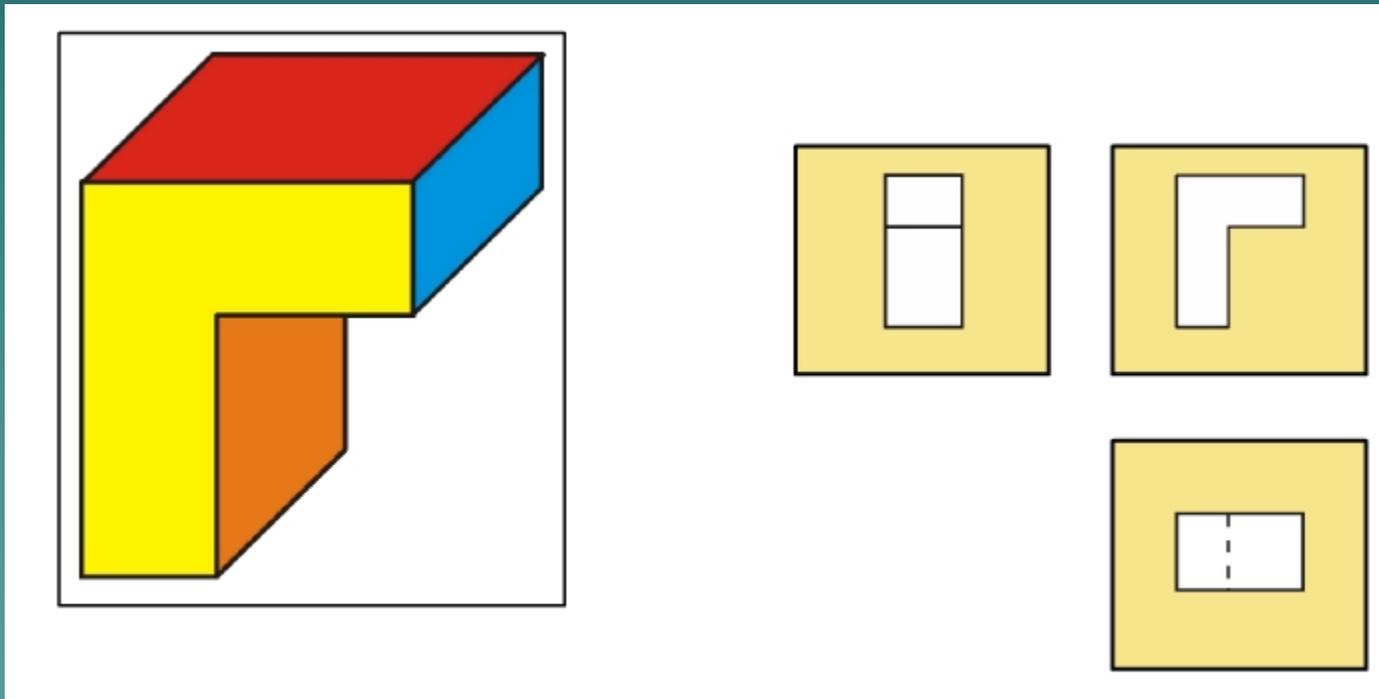
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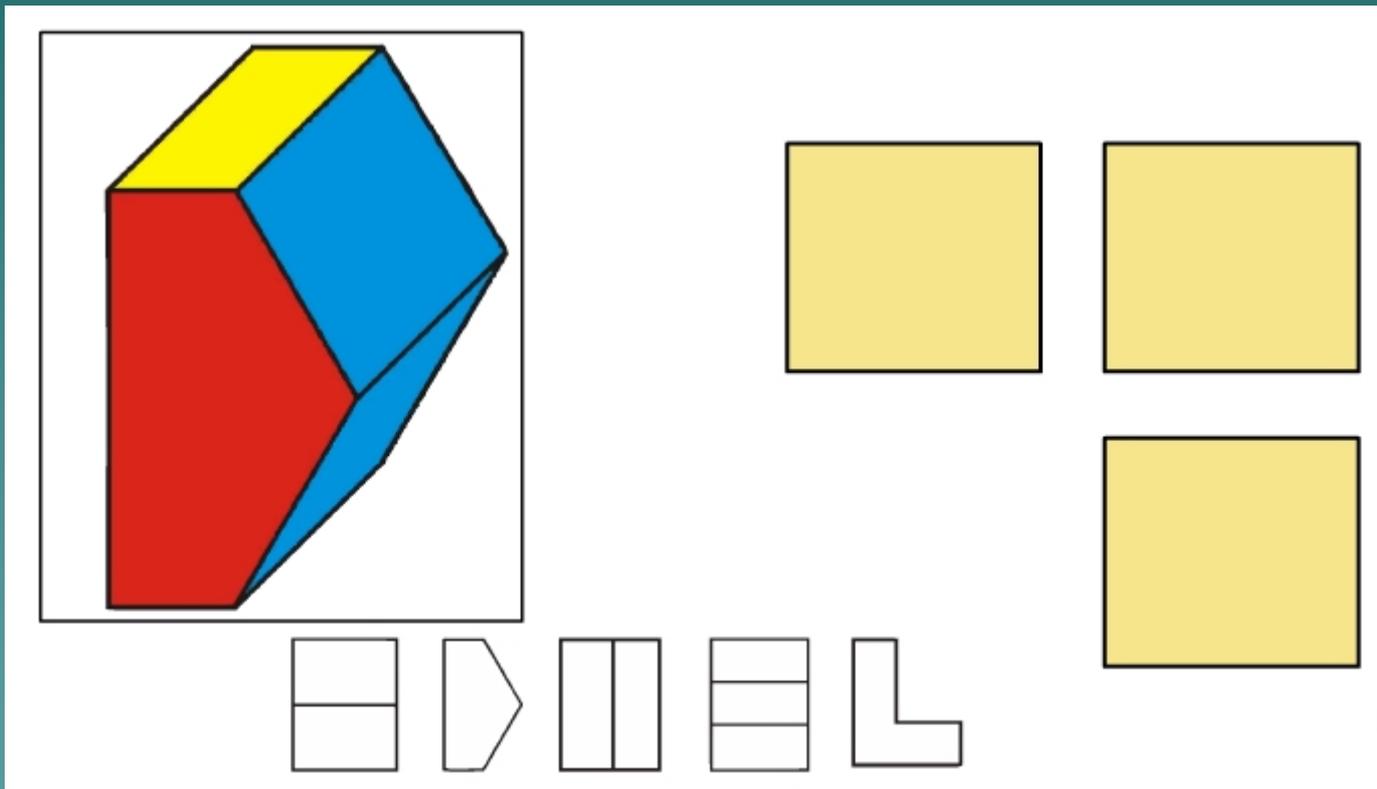
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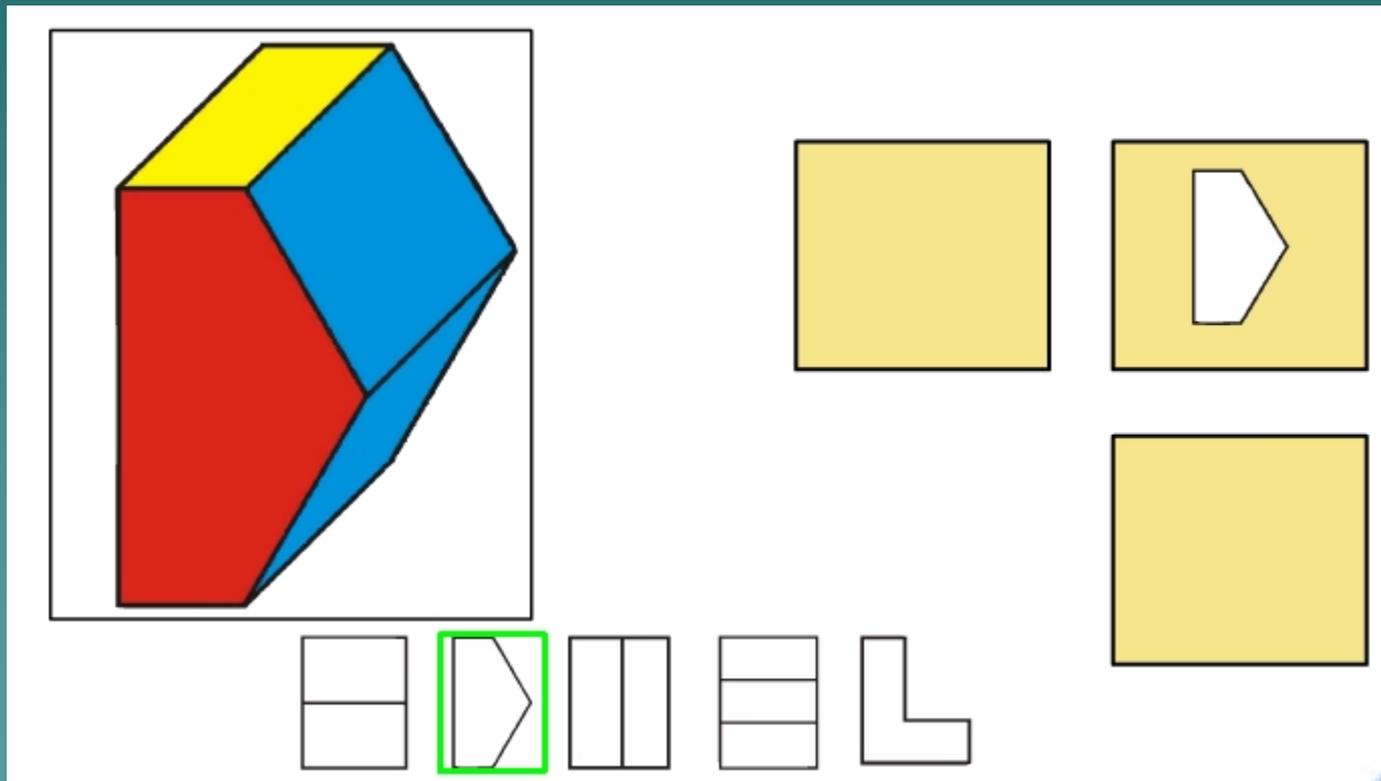
5 ALZADO PLANTA PERFIL



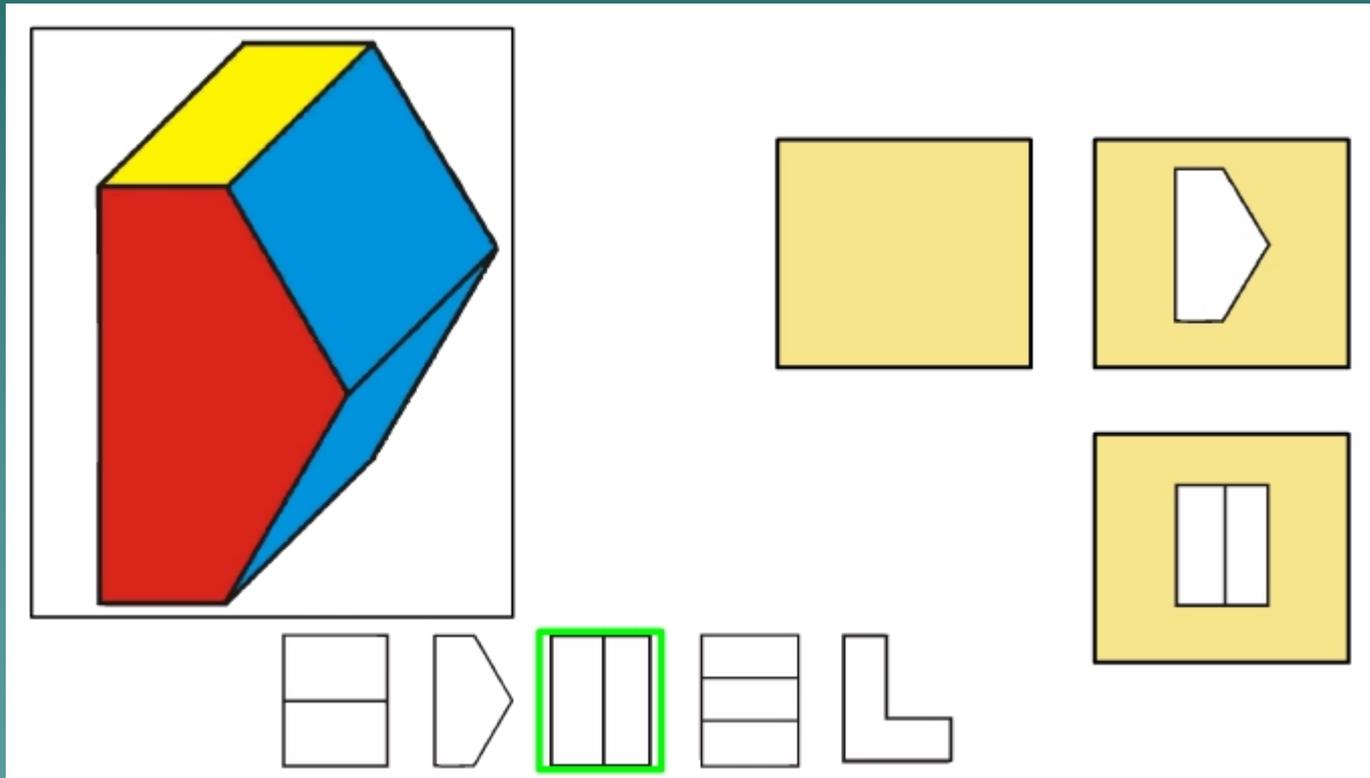
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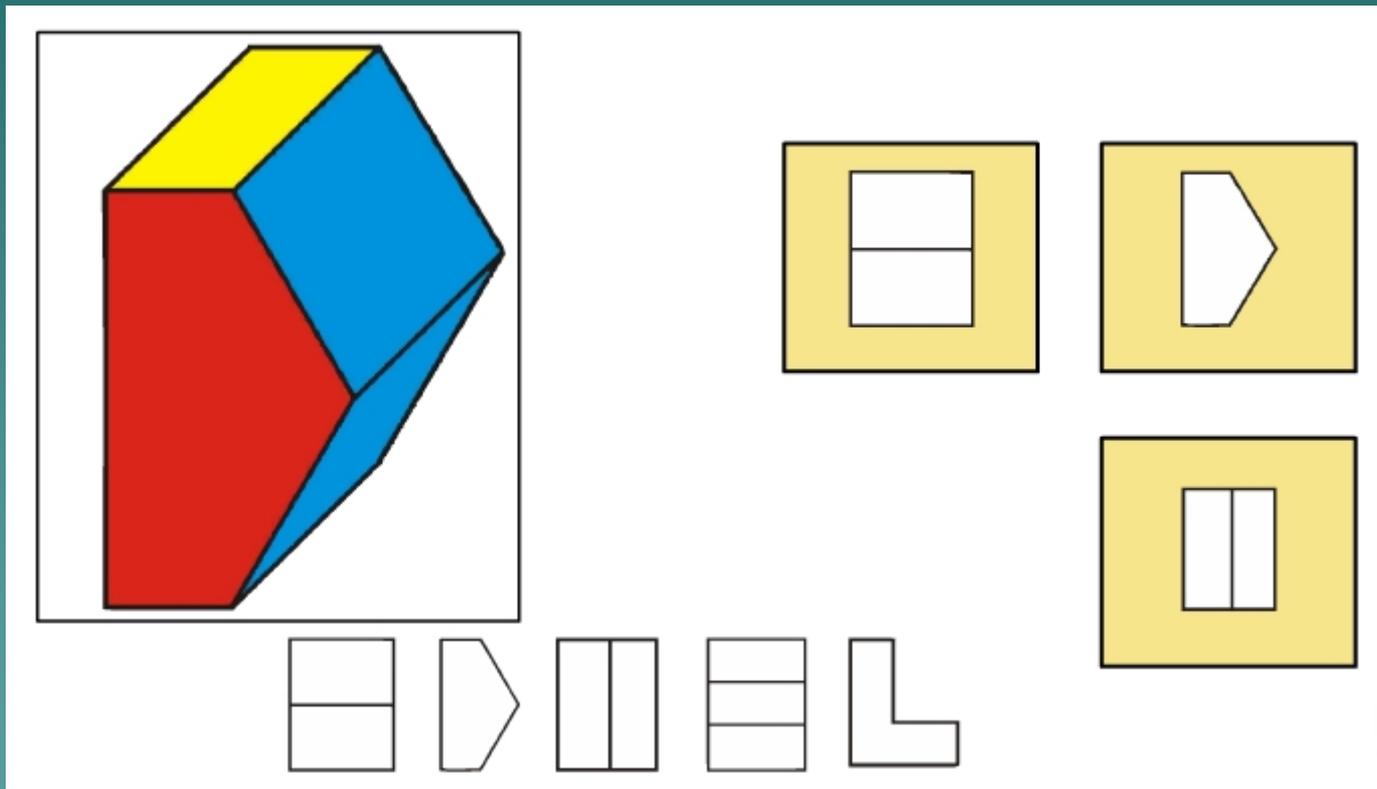
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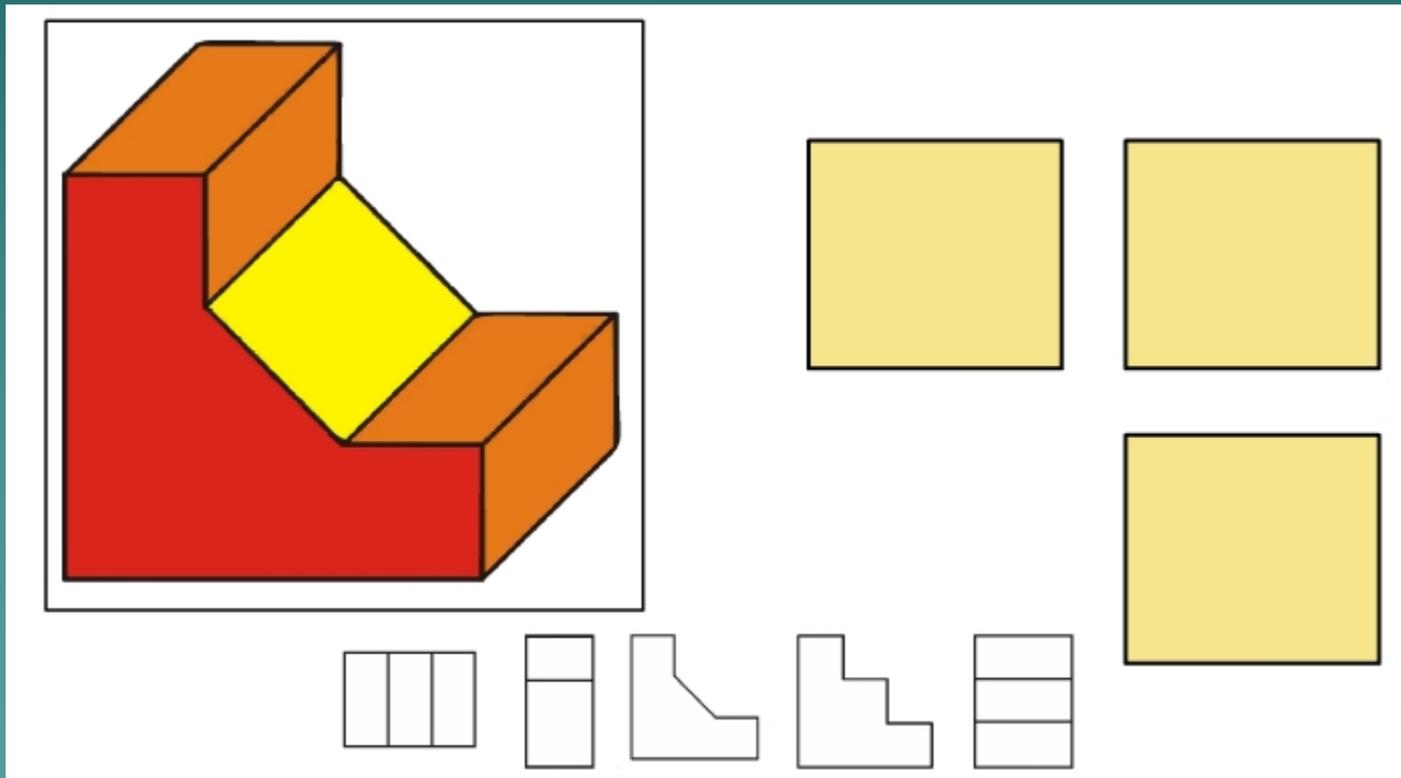
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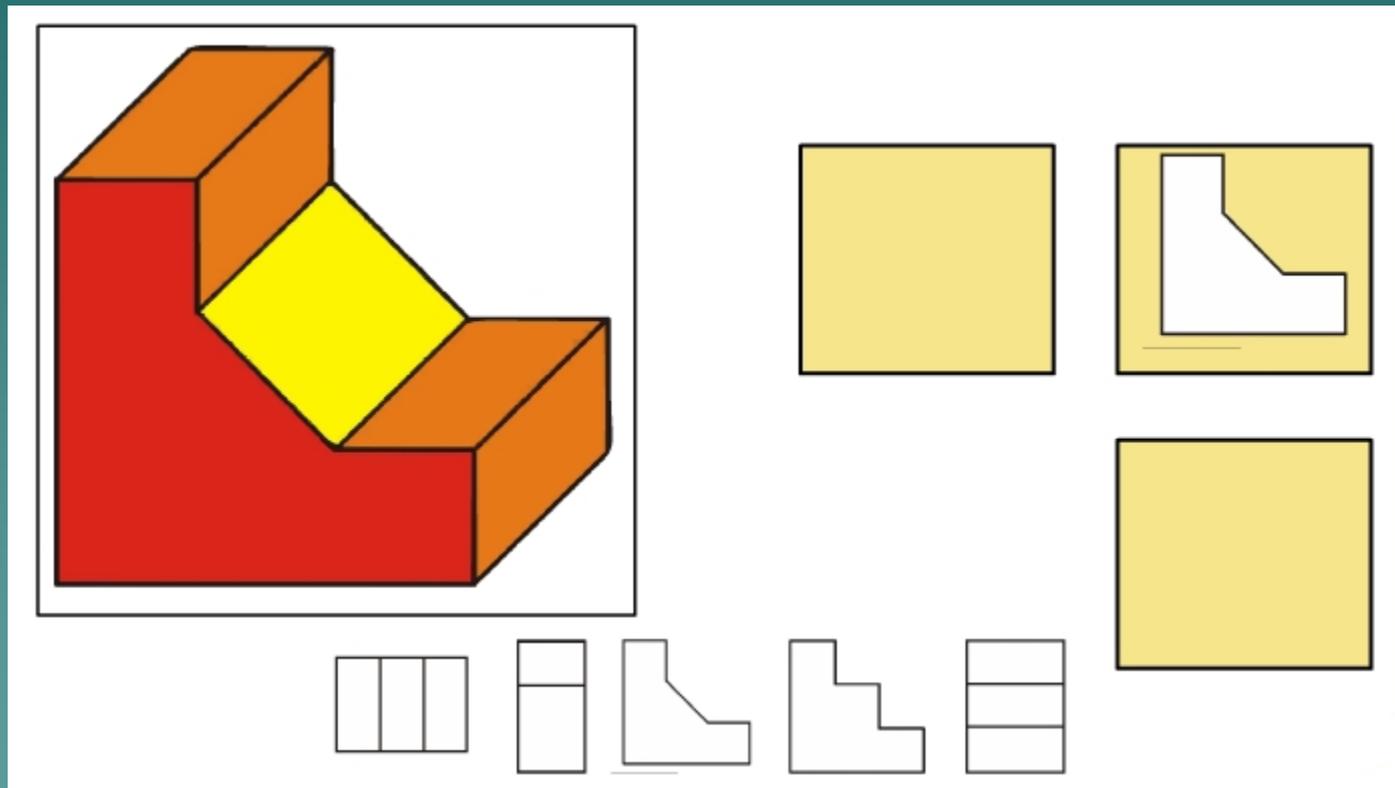
6 ALZADO PLANTA PERFIL



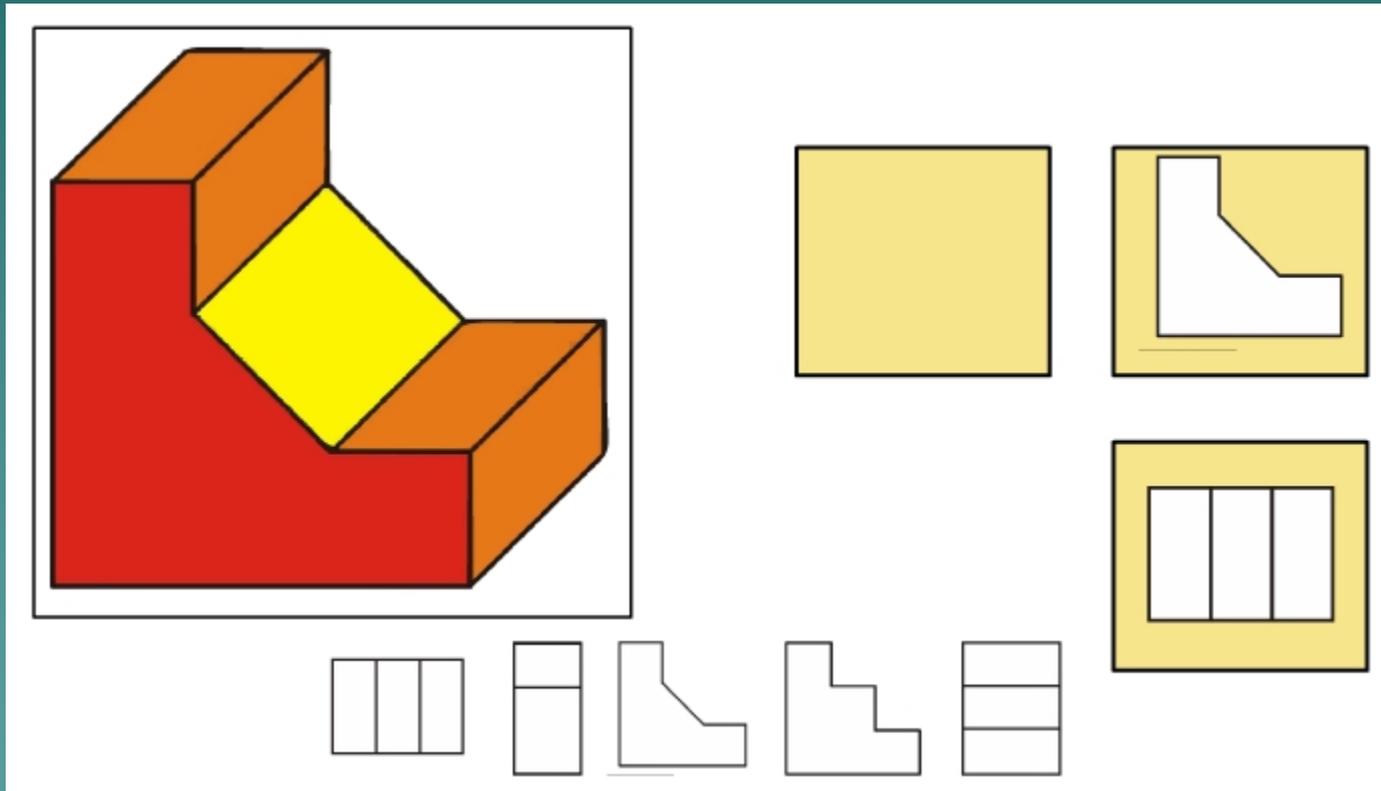
EJERCICIO 7



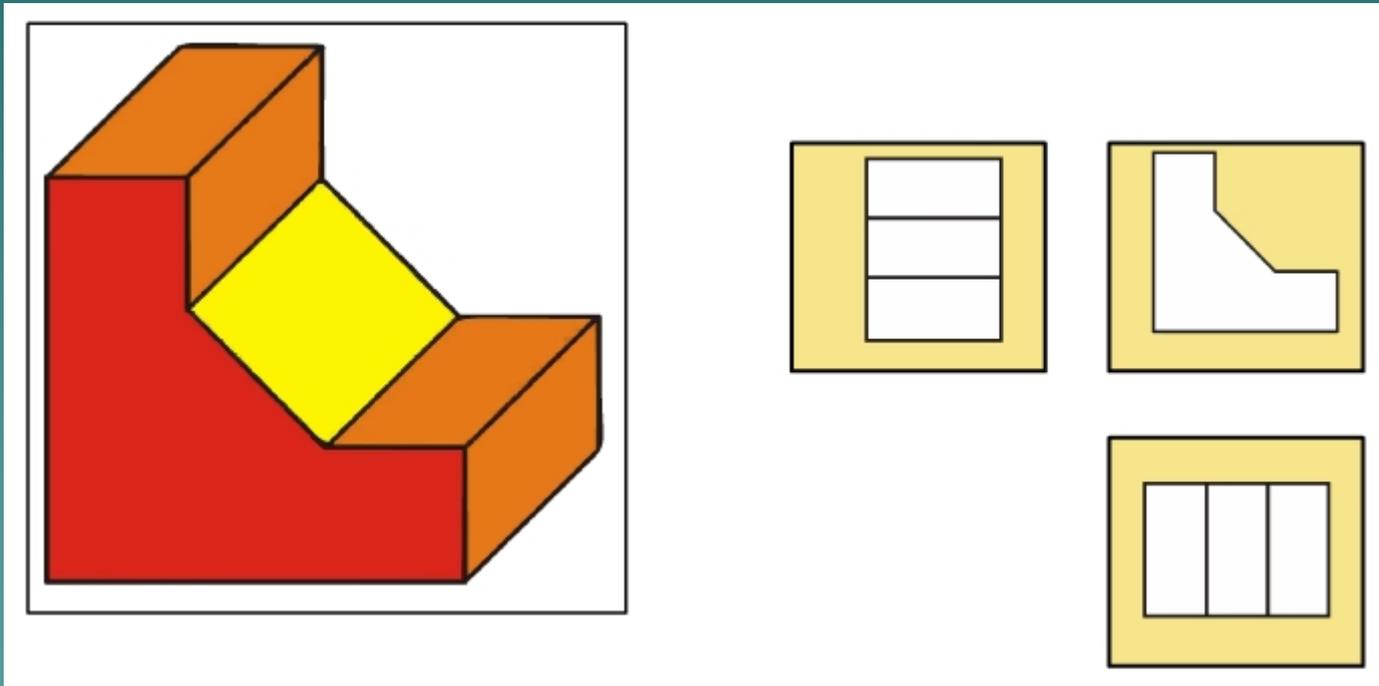
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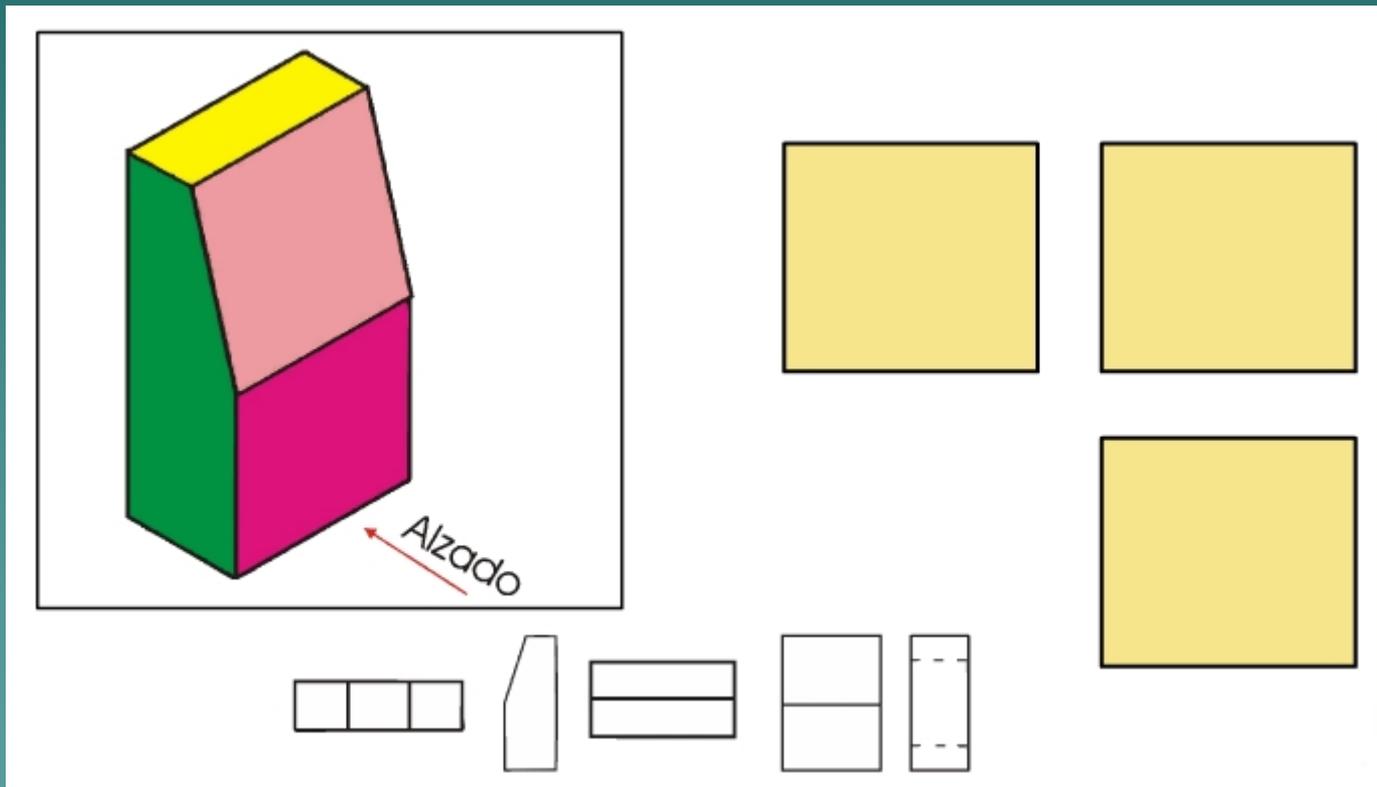
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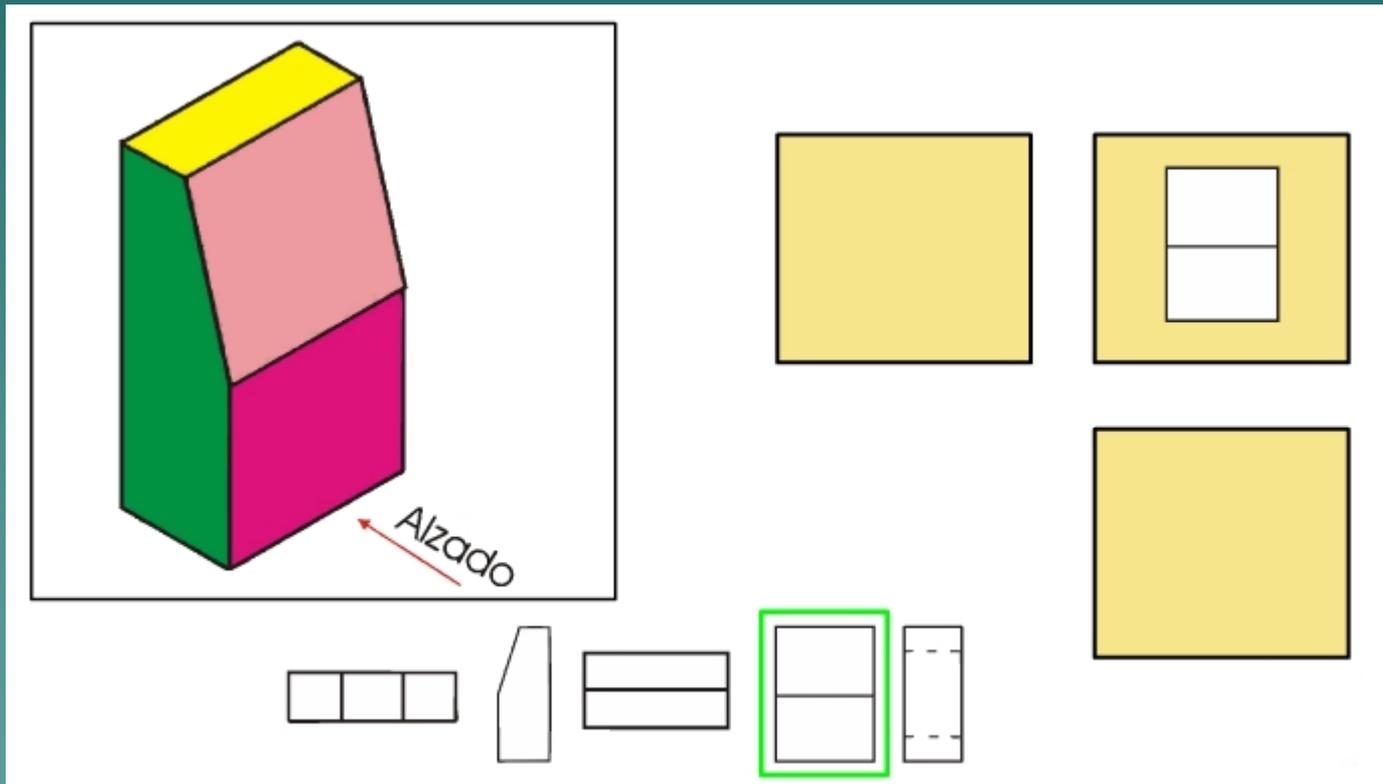
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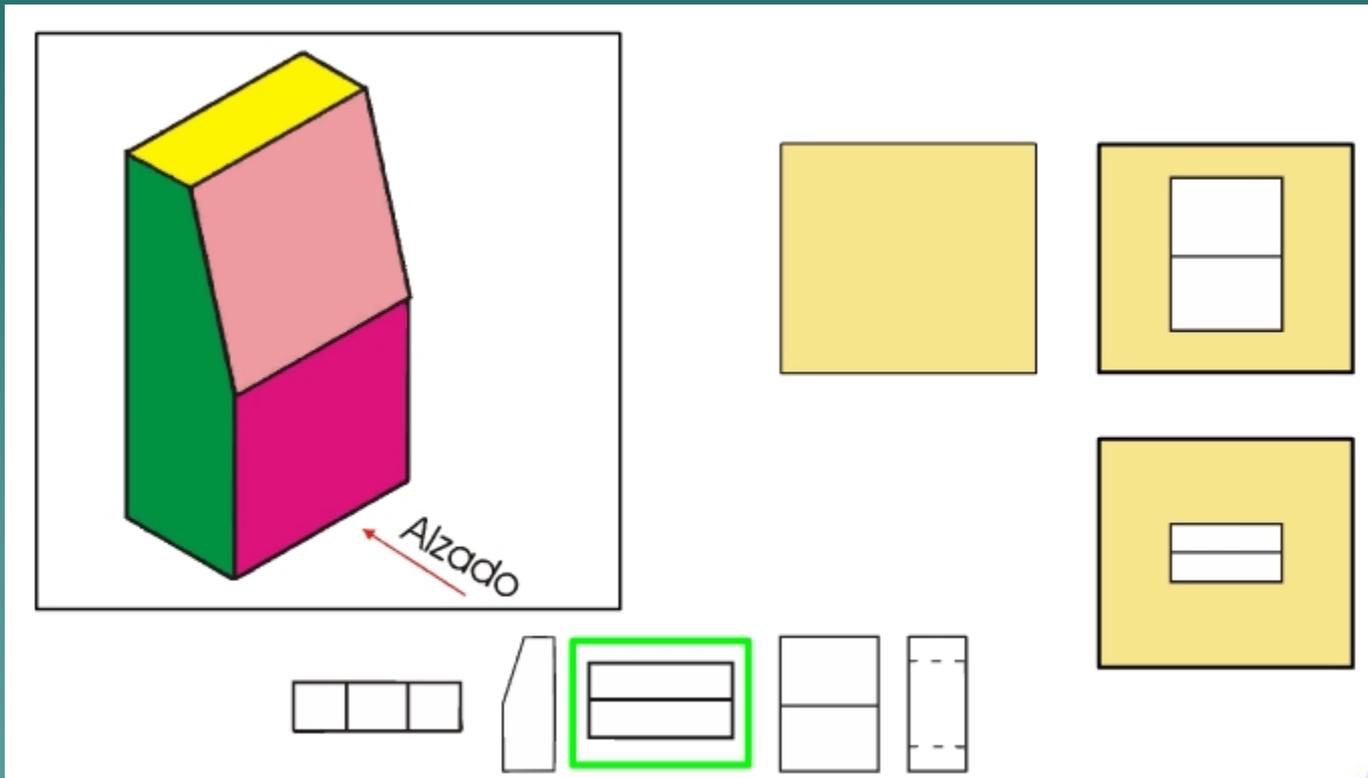
EJERCICIO 8



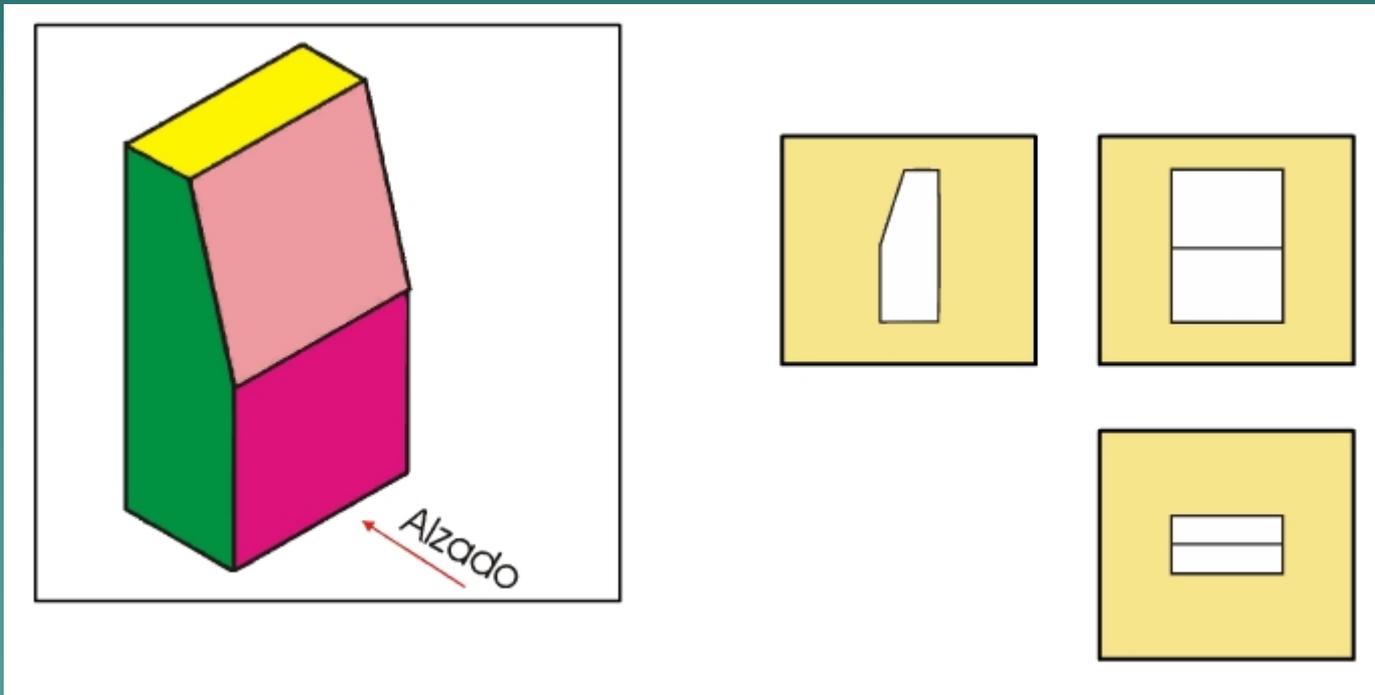
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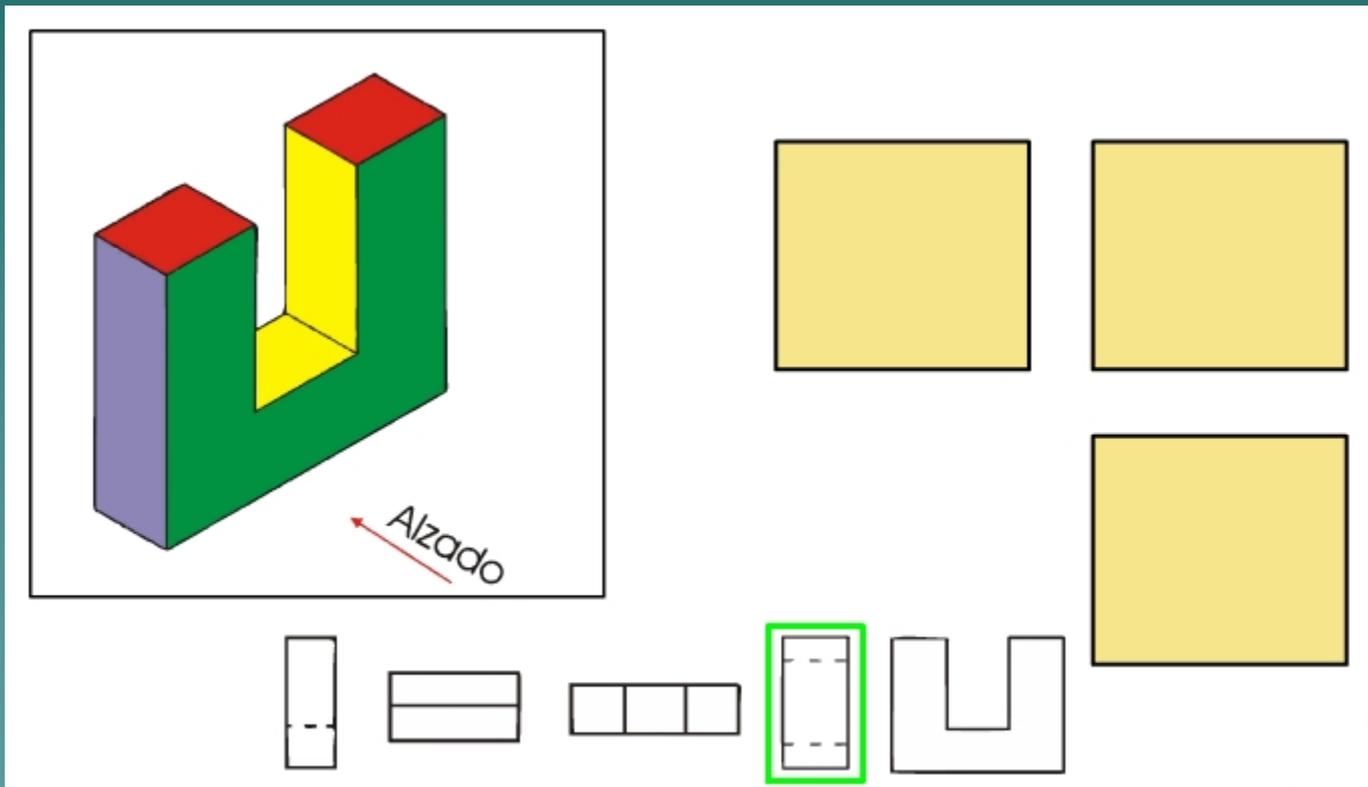
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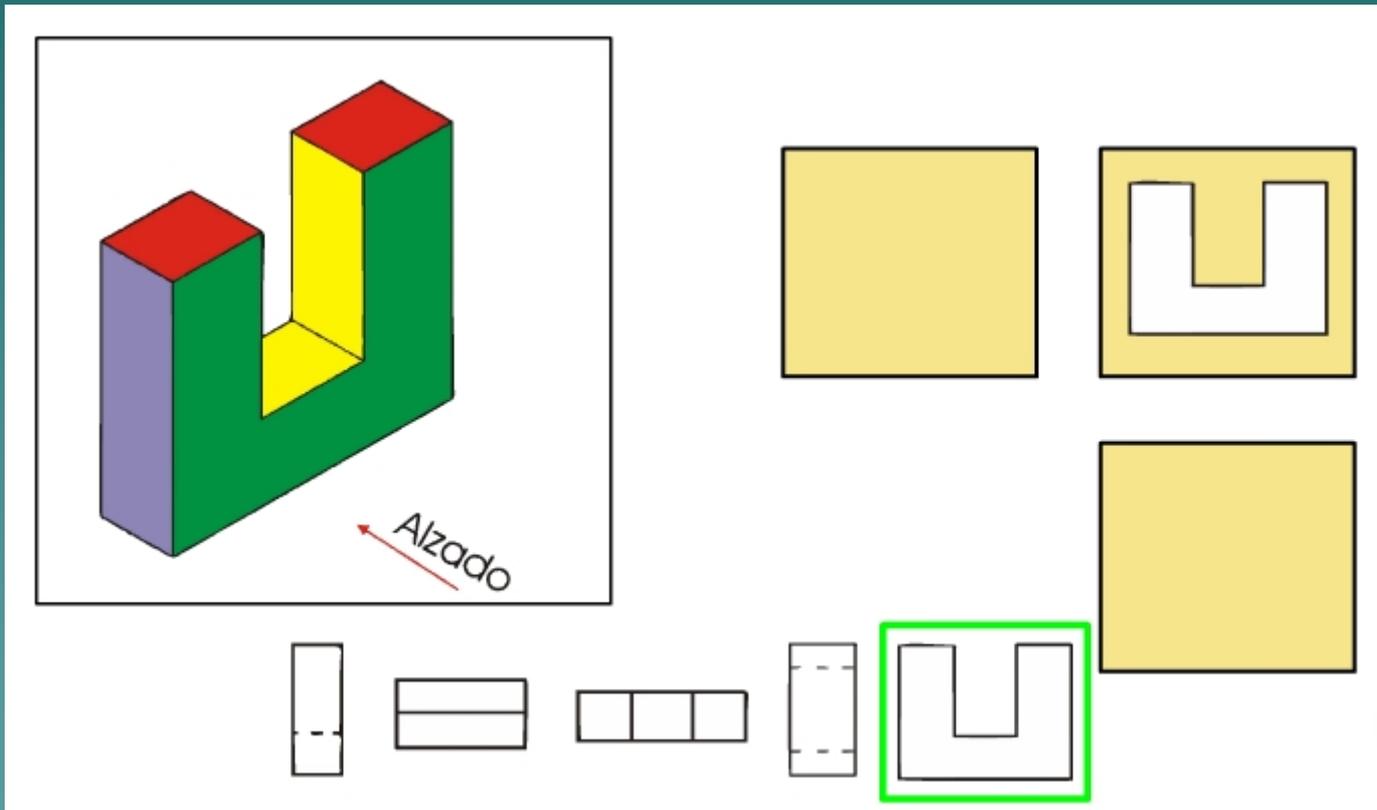
8 ALZADO PLANTA PERFIL



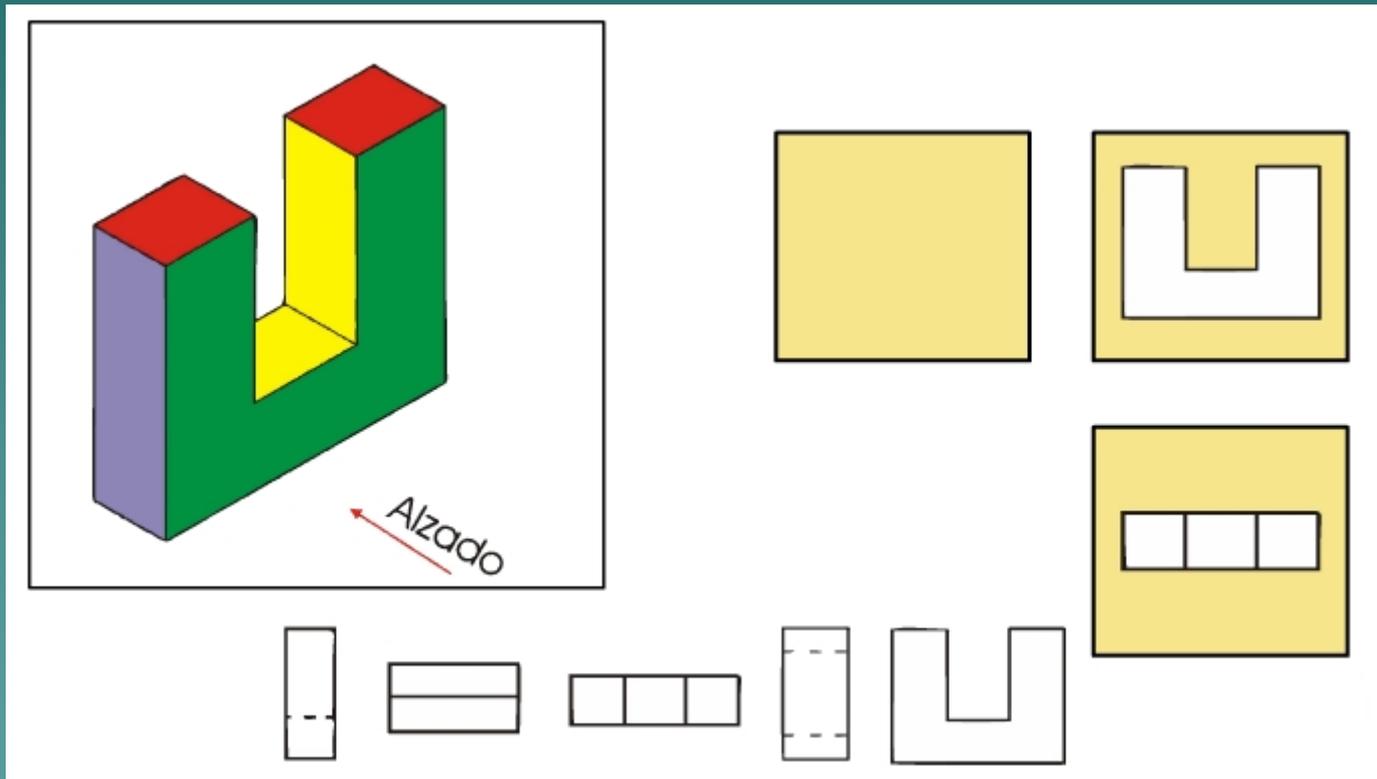
EJERCICIO 9



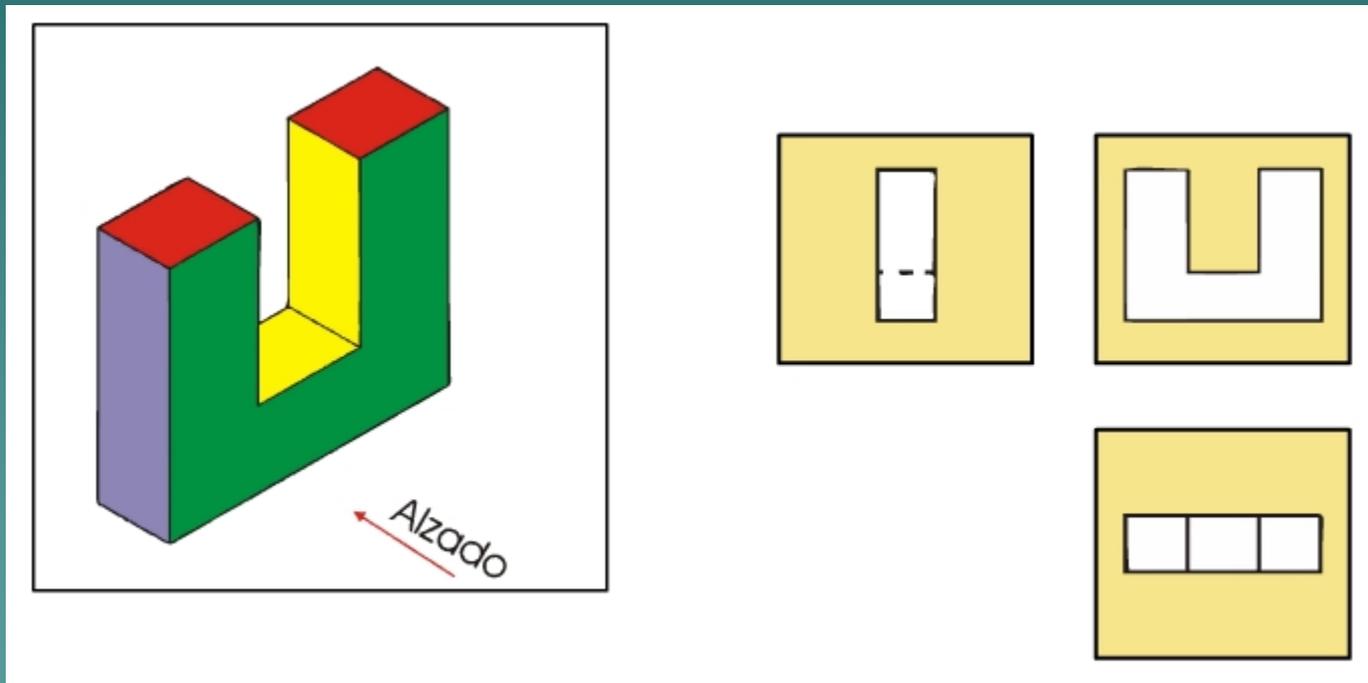
EJERCICIO 9 ALZADO



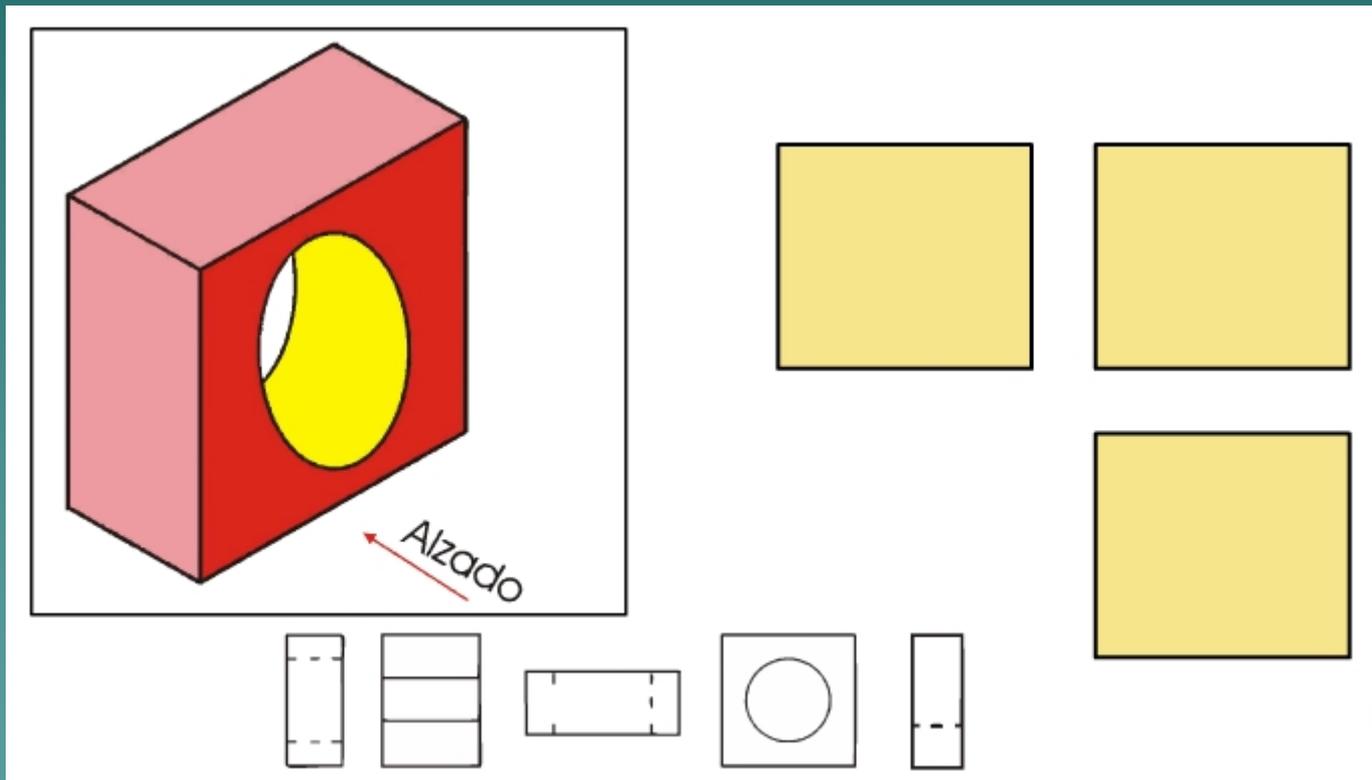
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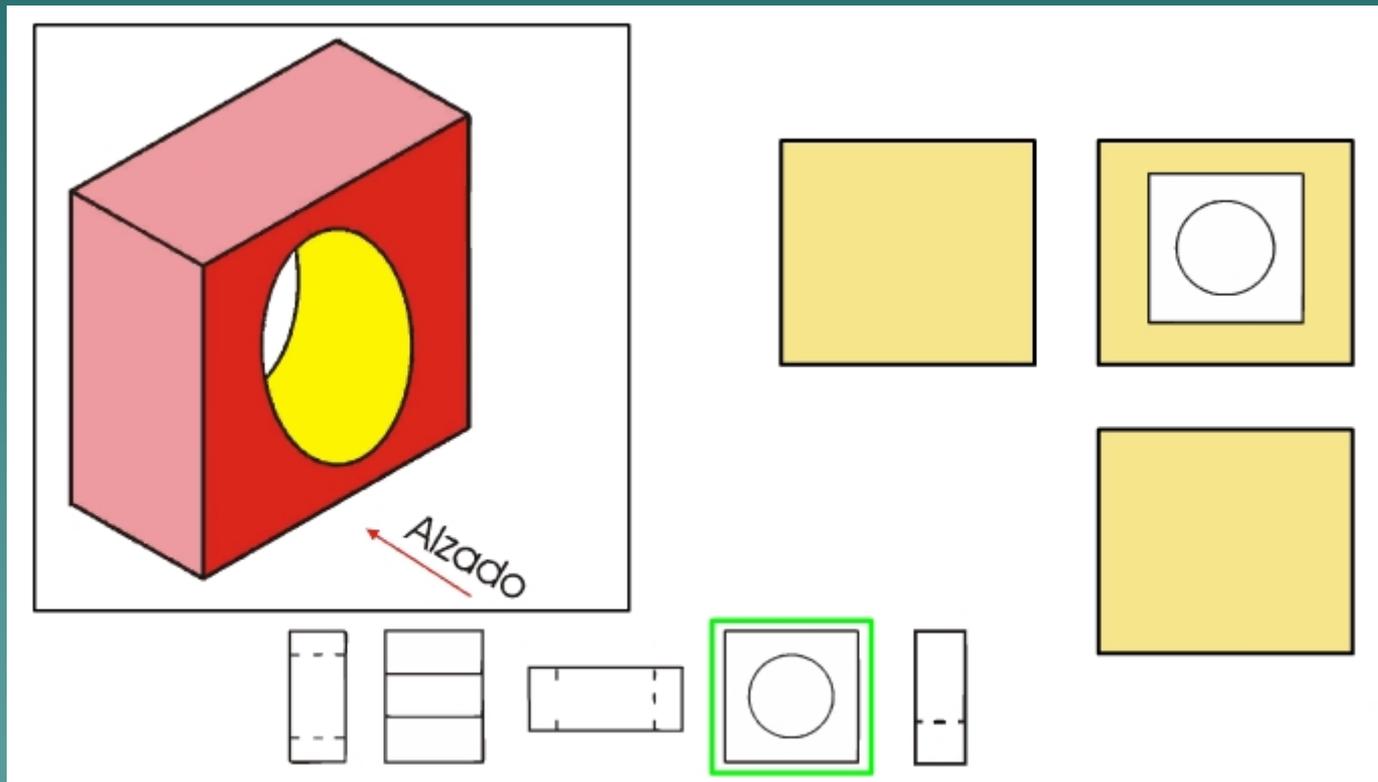
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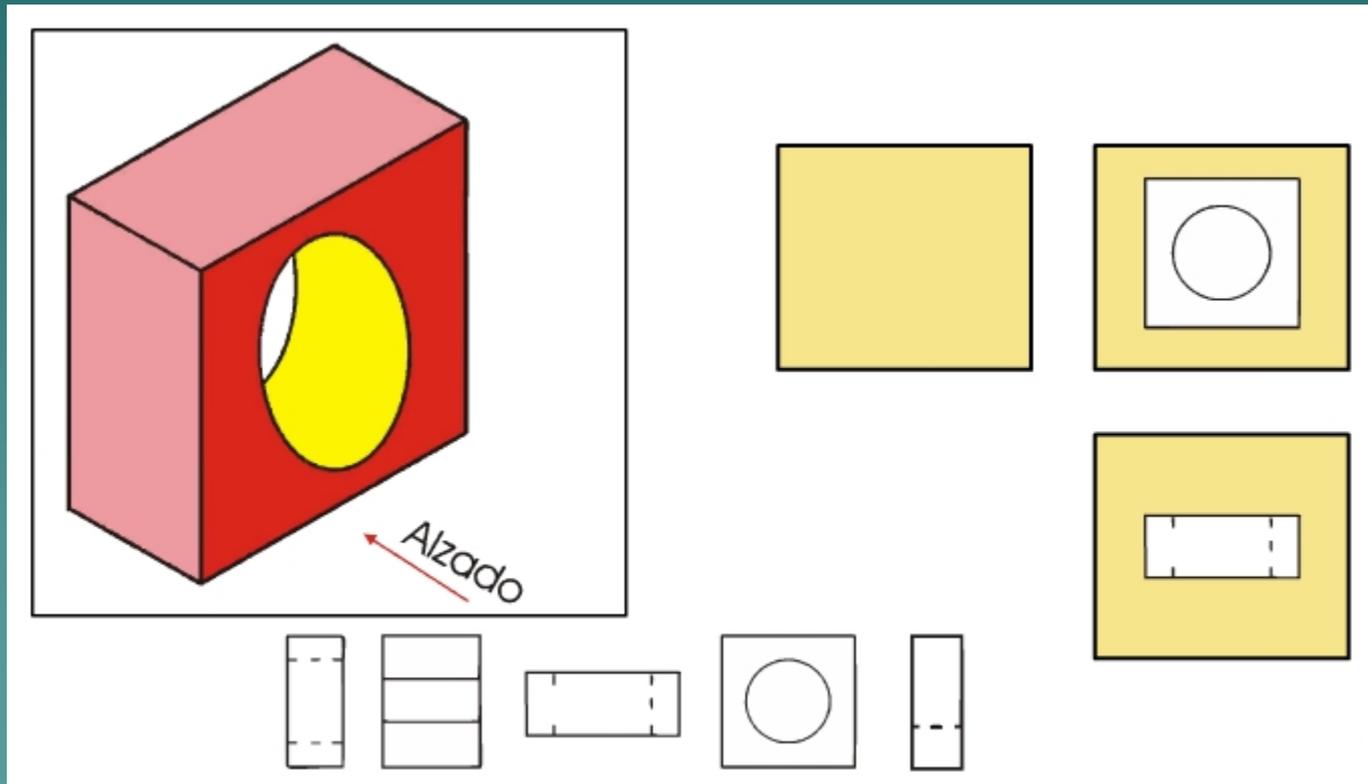
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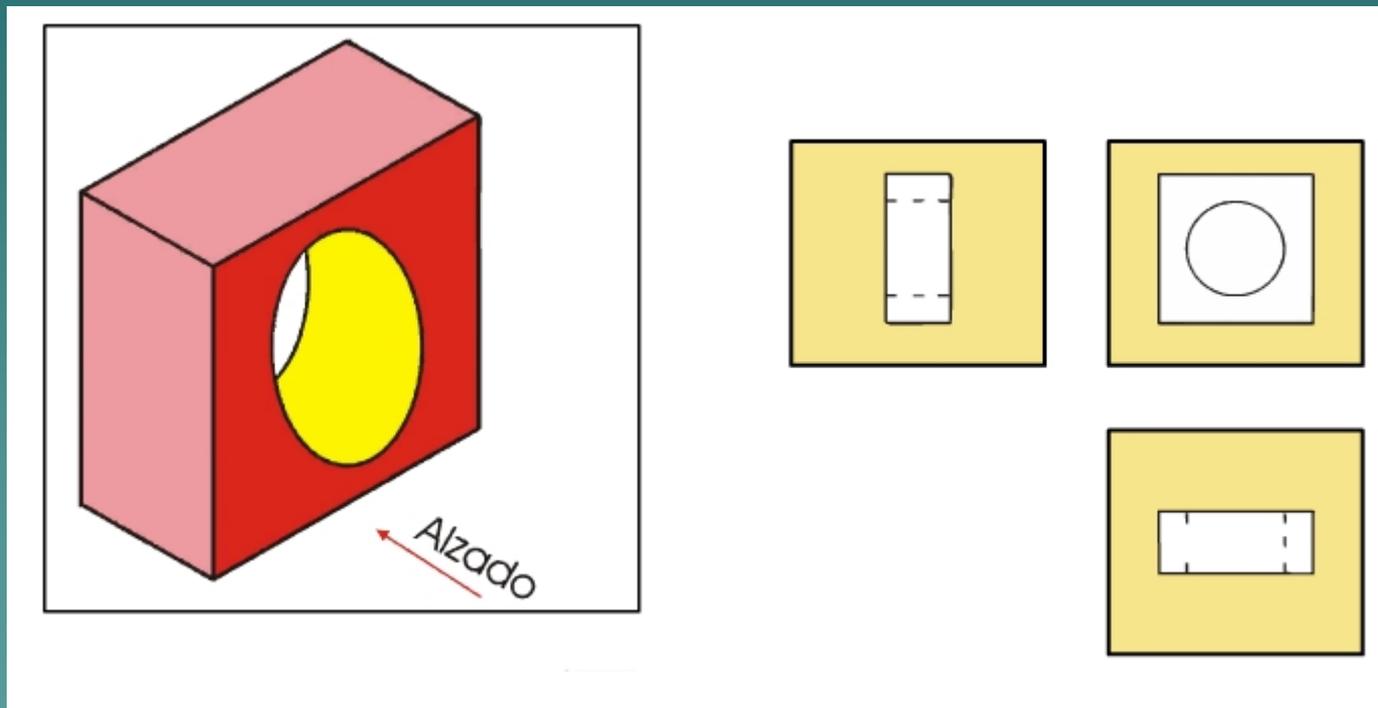
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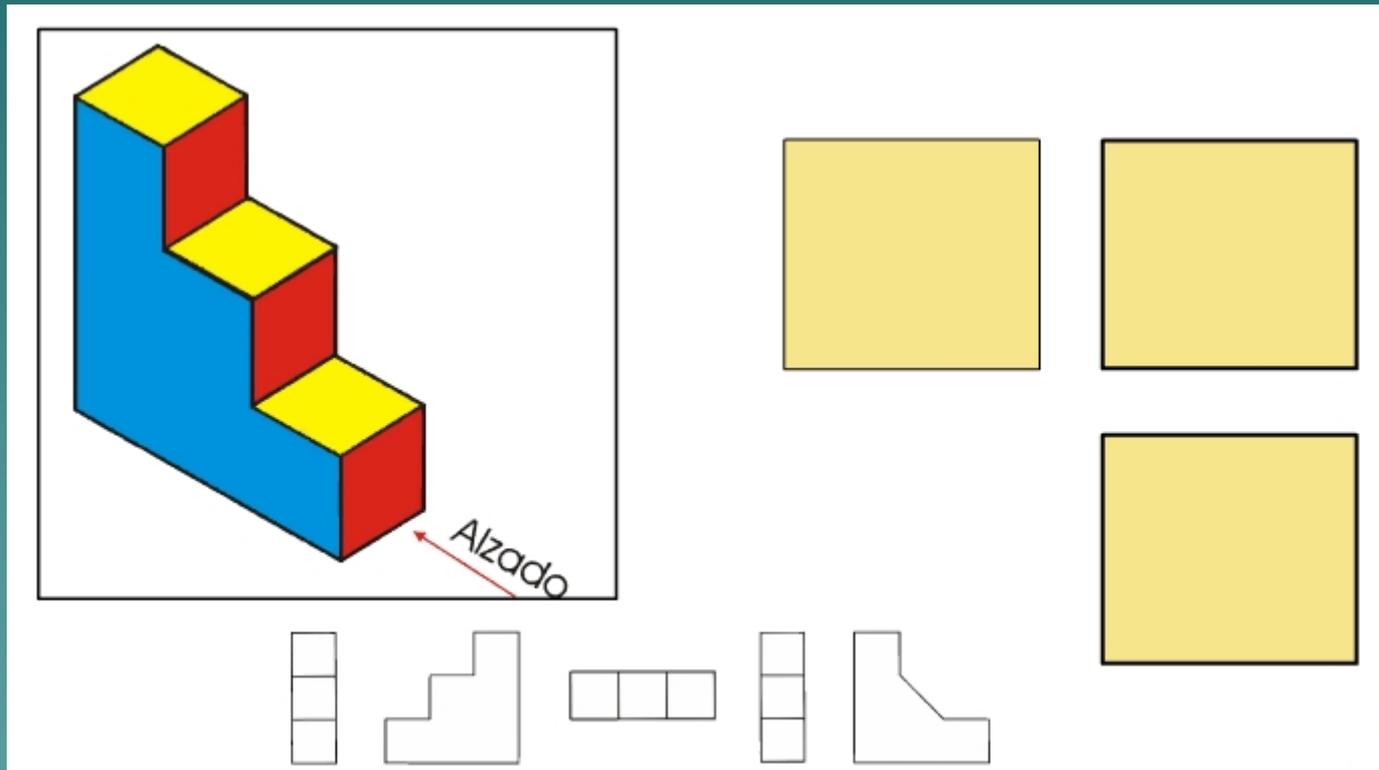
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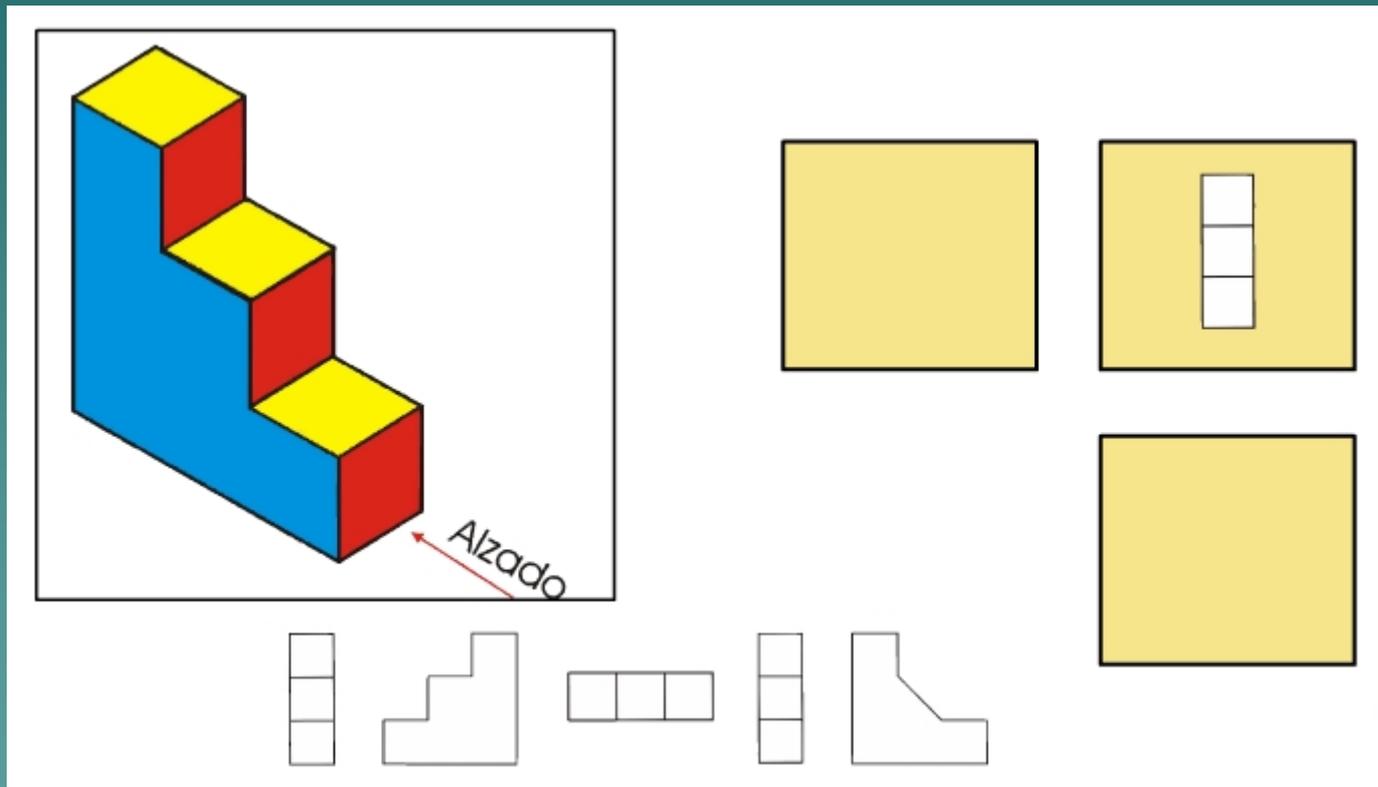
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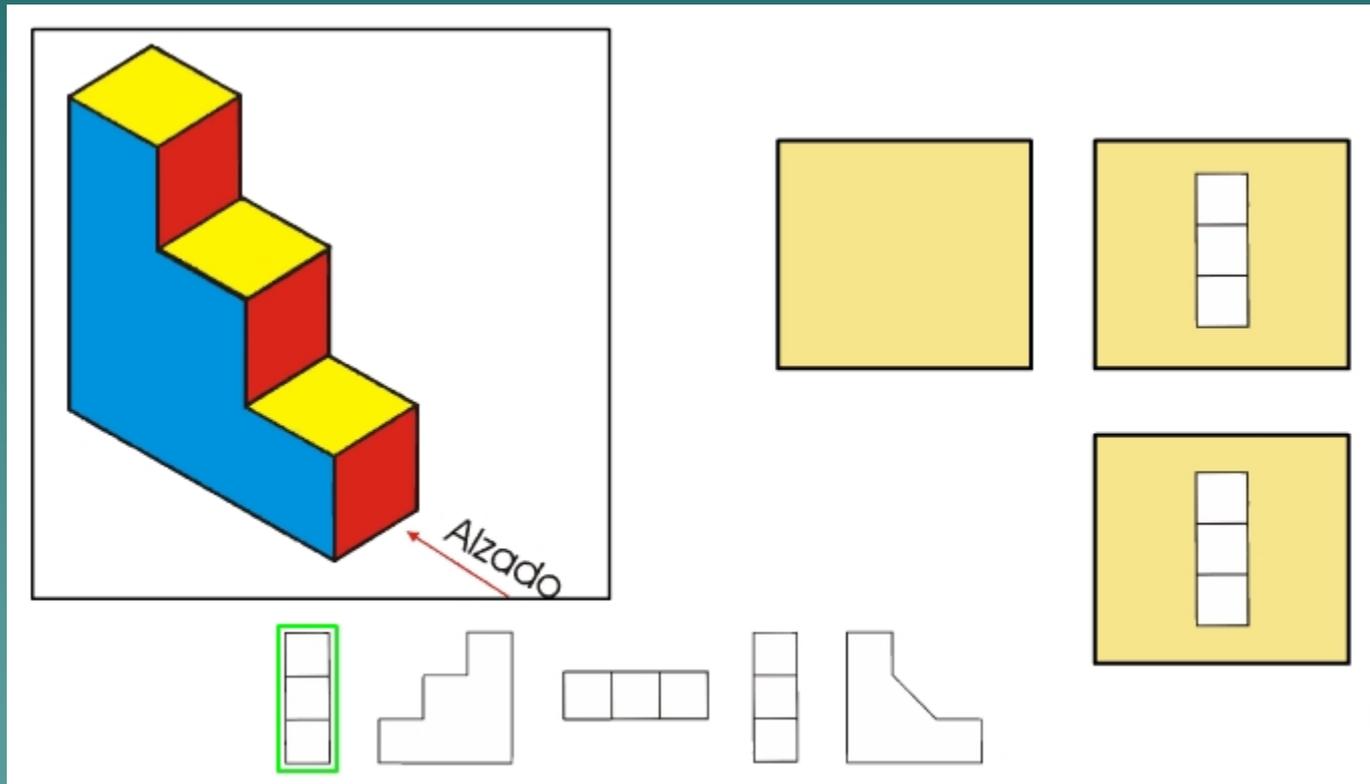
EJERCICIO 11



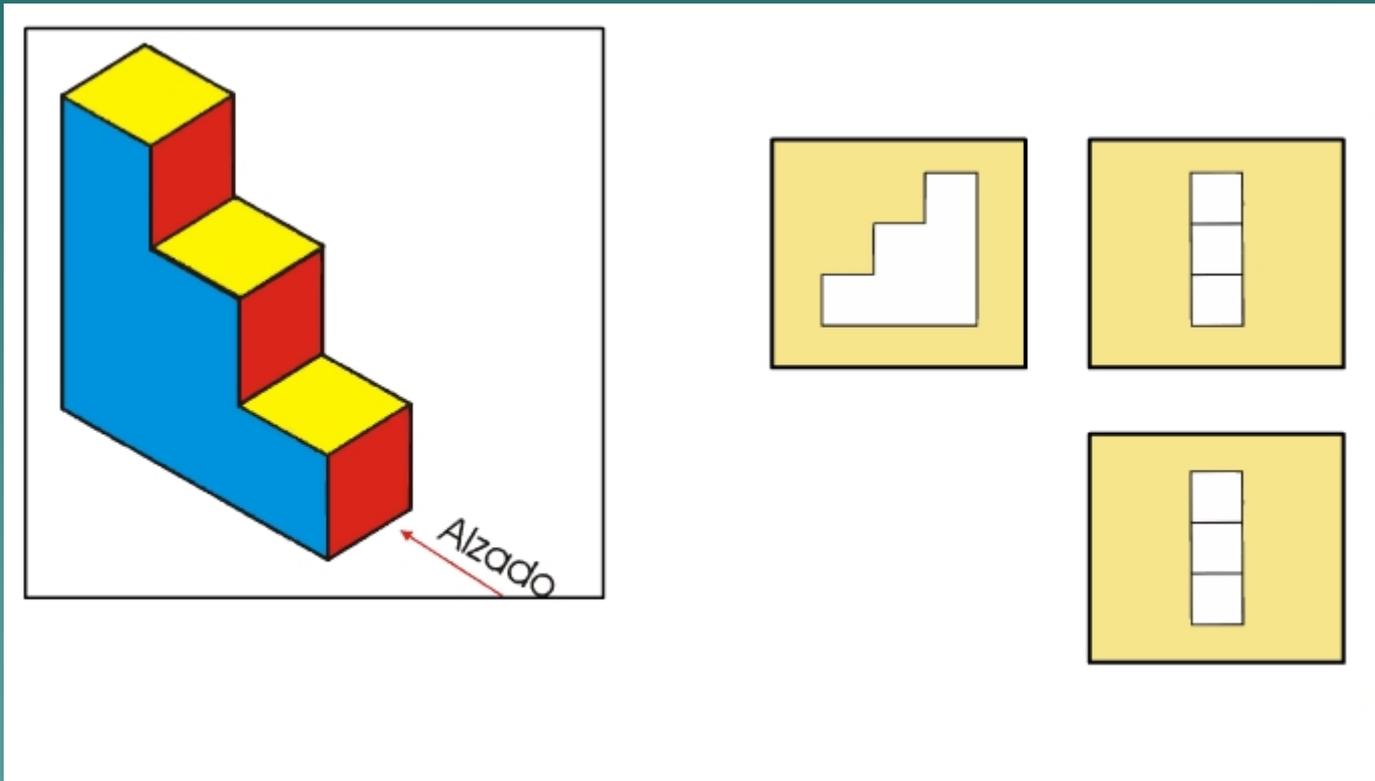
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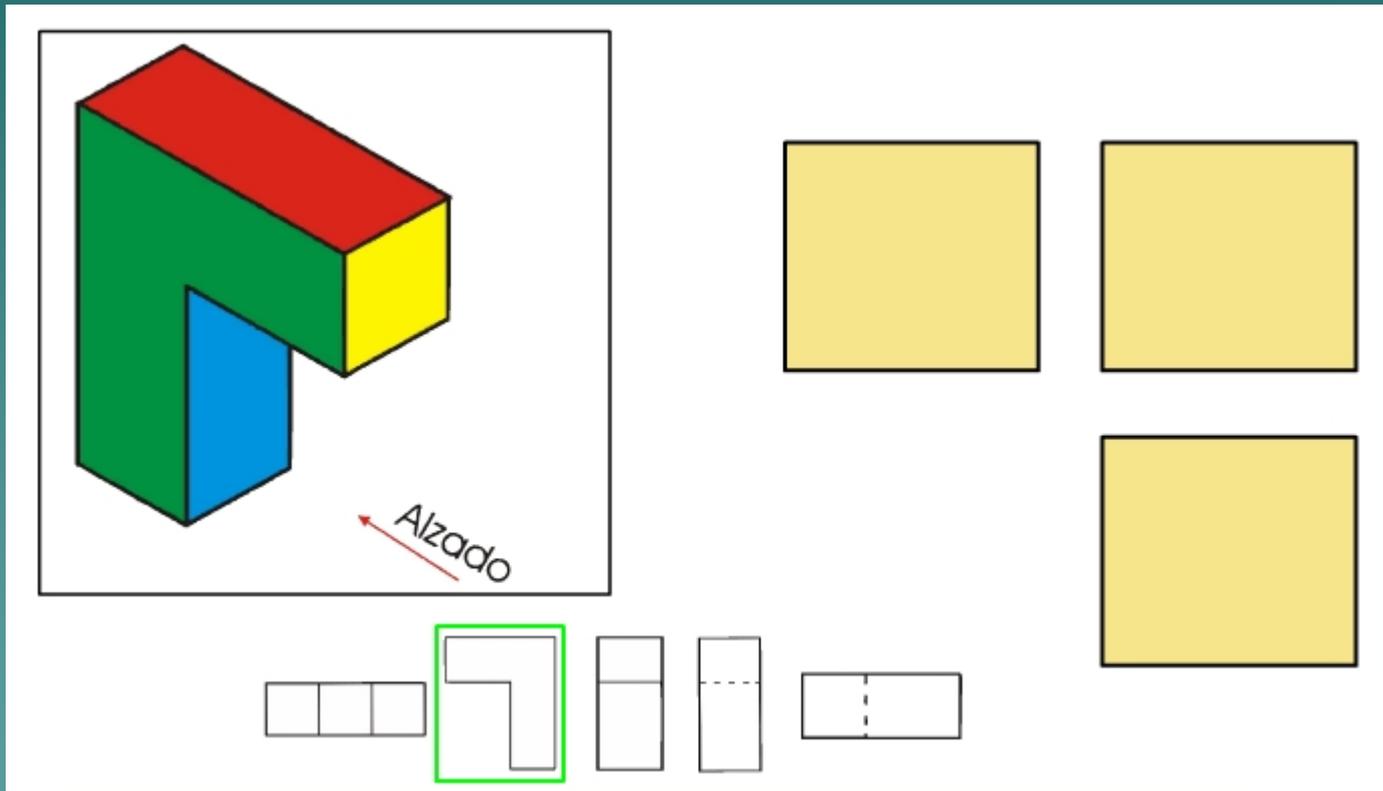
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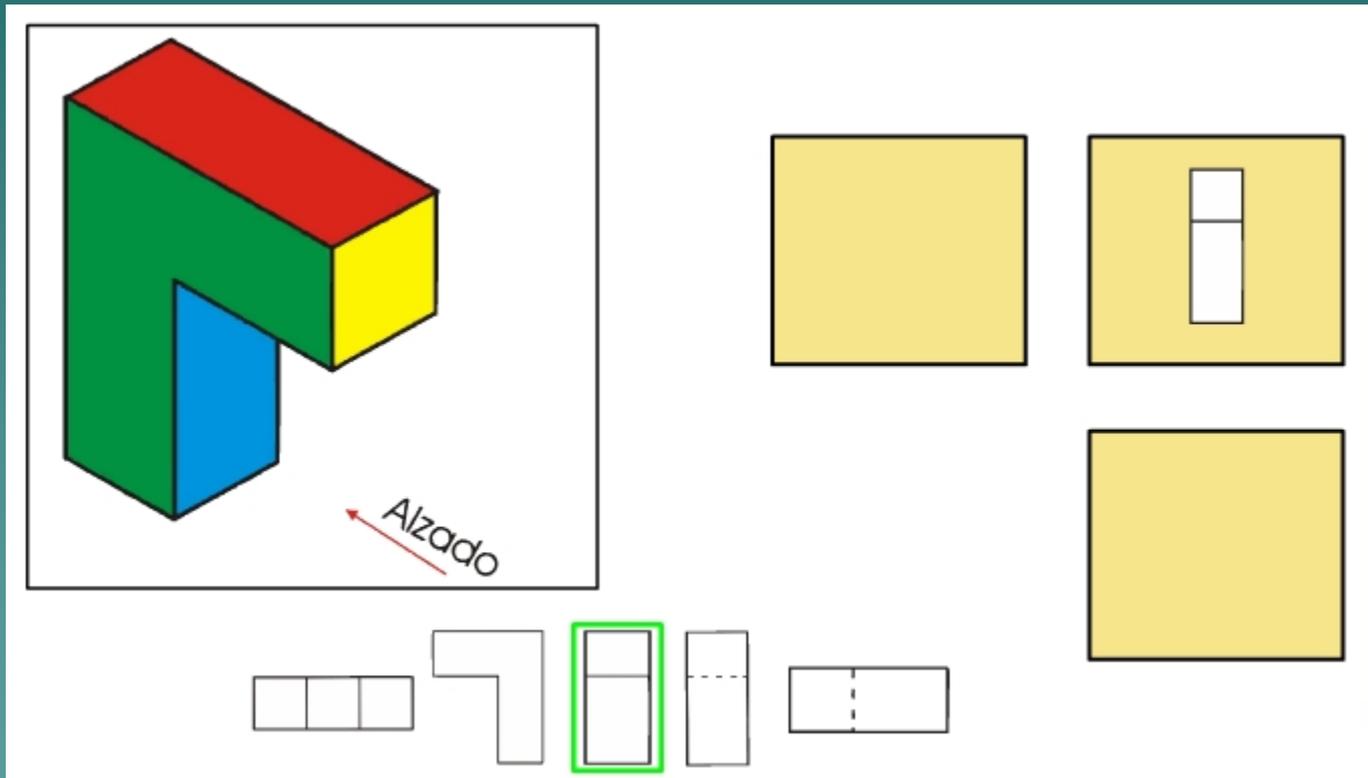
11 ALZADO PLANTA PERFIL



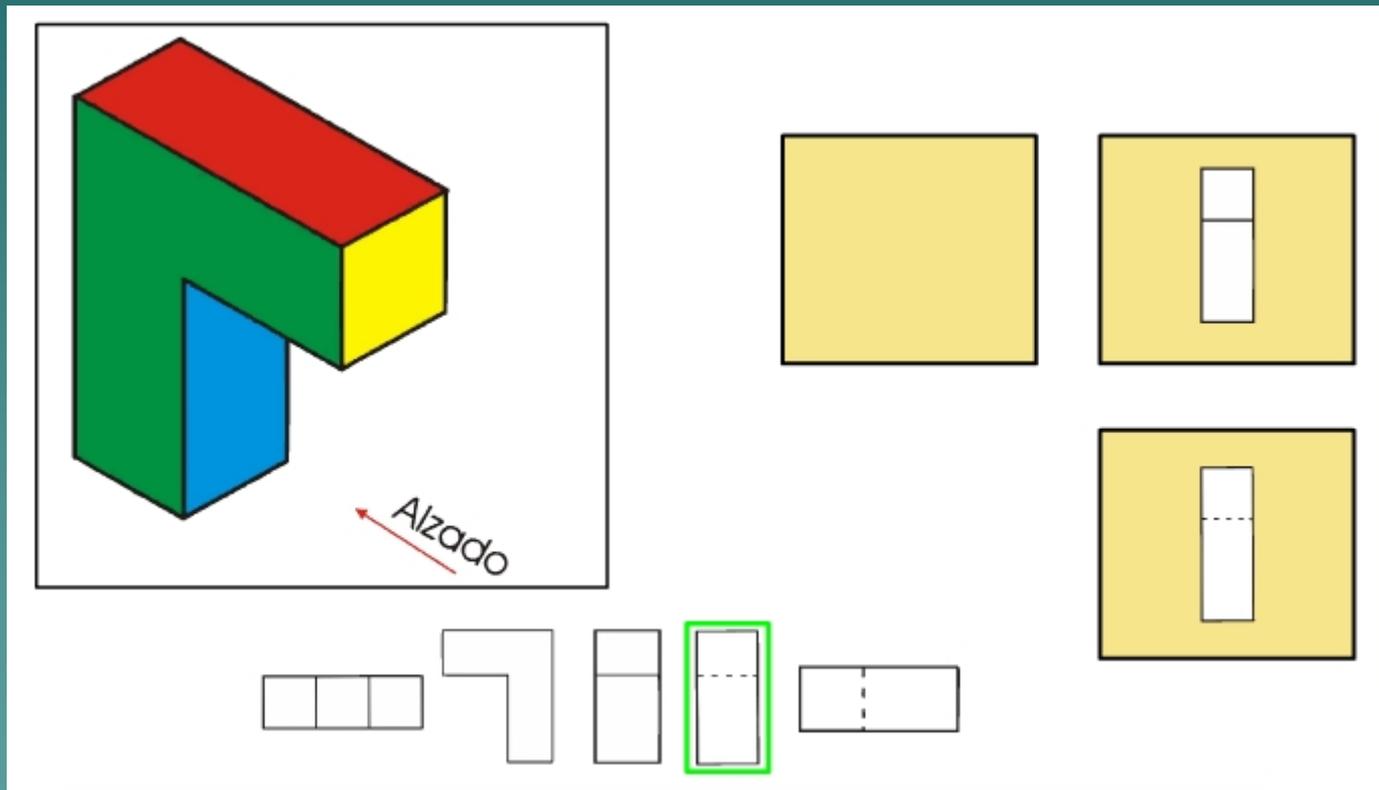
EJERCICIO 12



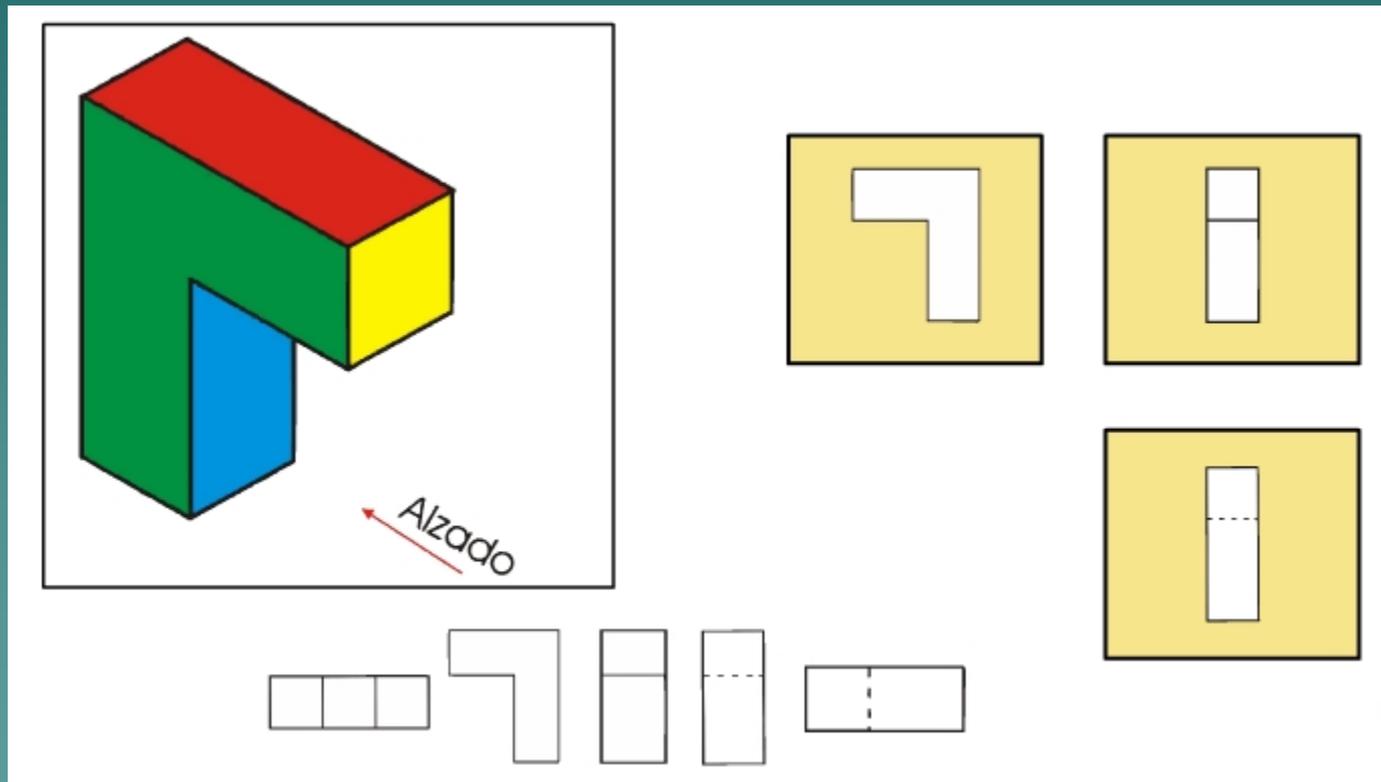
EJERCICIO 12 ALZADO



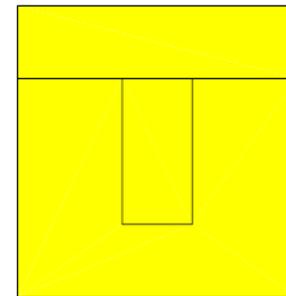
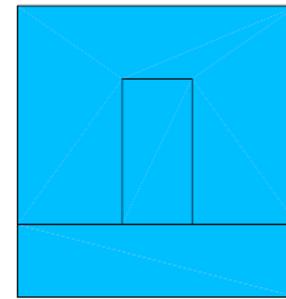
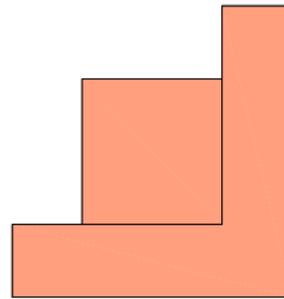
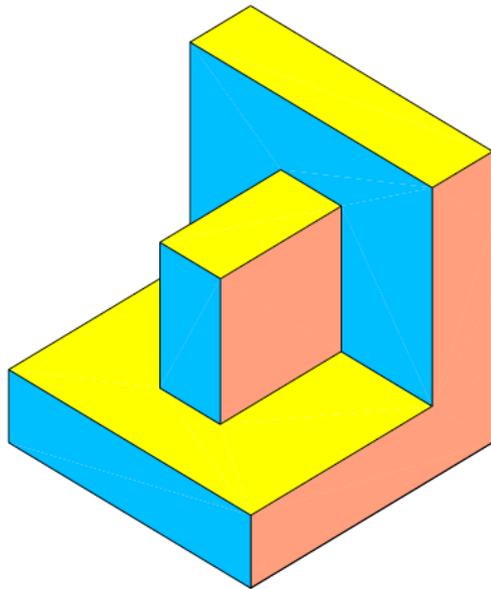
EJERCICIO 12 ALZADO PLANTA



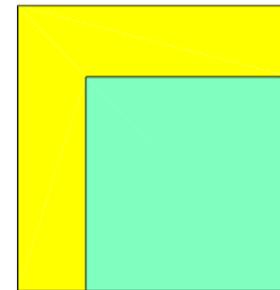
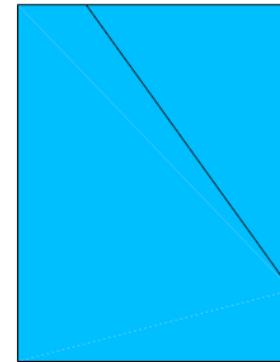
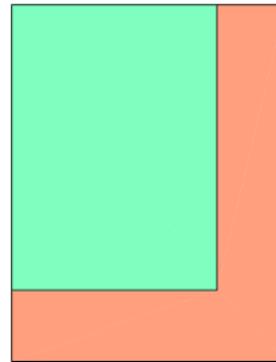
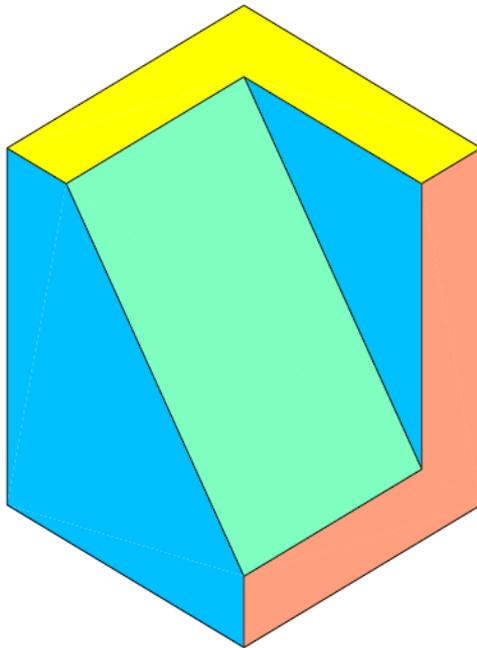
12 ALZADO PLANTA PERFIL



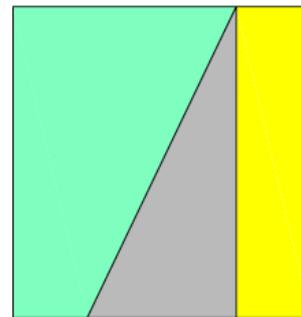
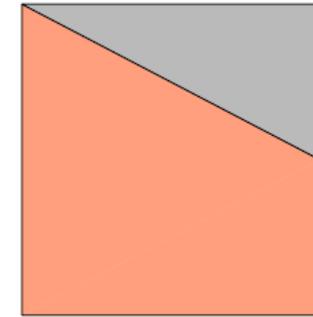
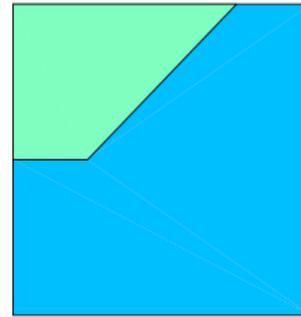
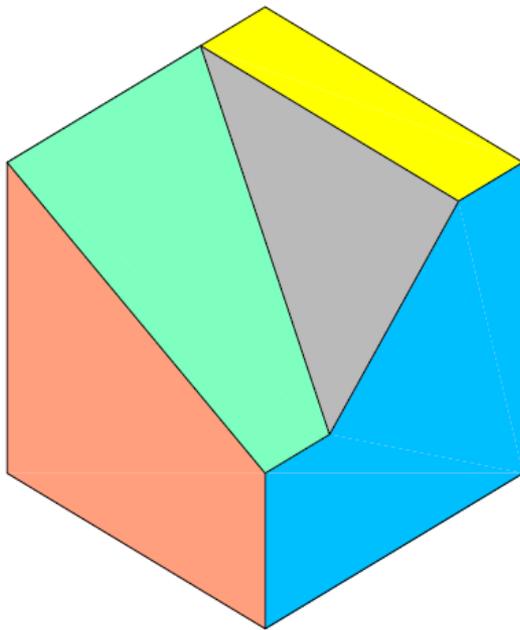
FICHA 1 EJER 1



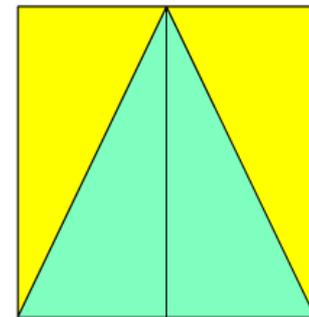
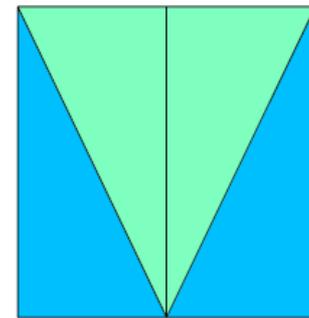
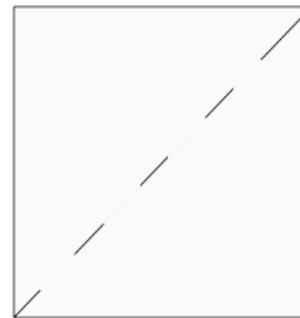
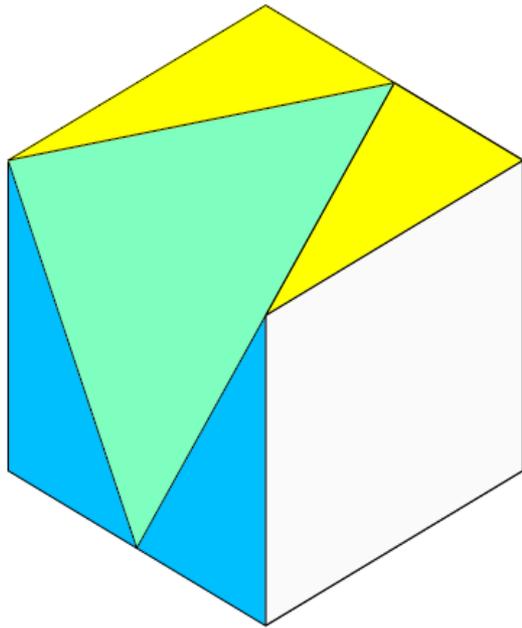
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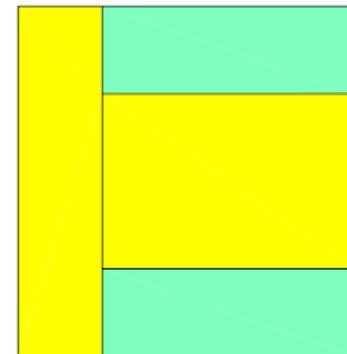
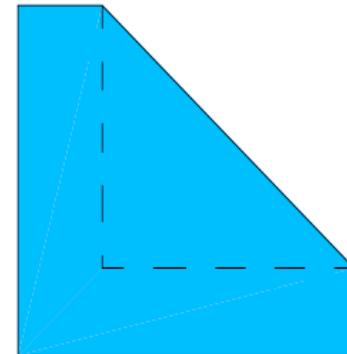
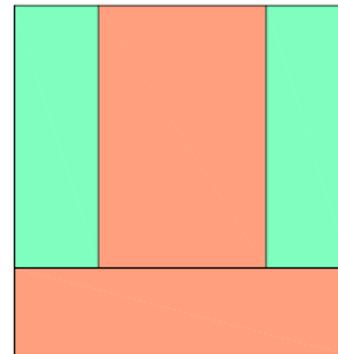
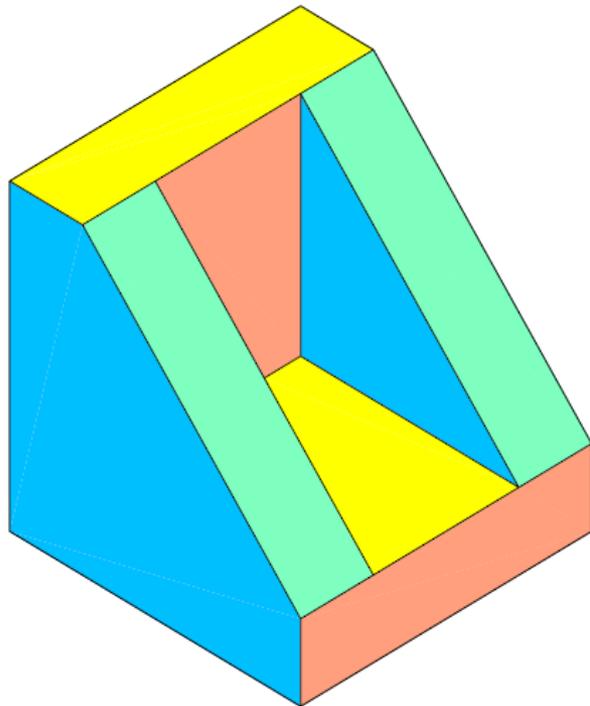
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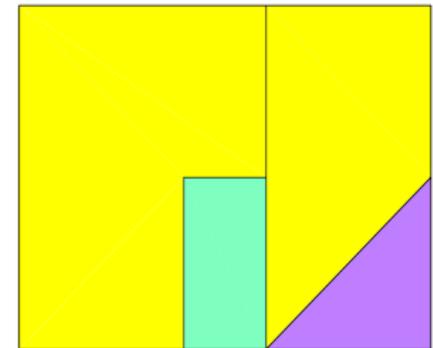
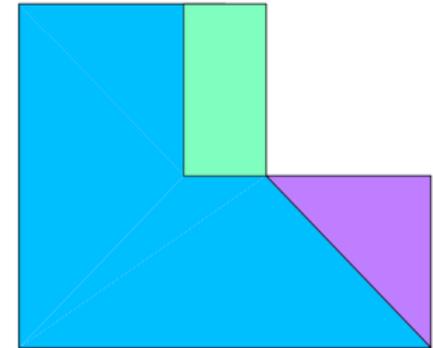
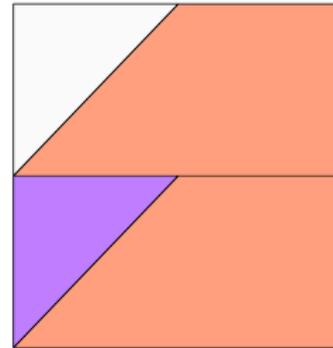
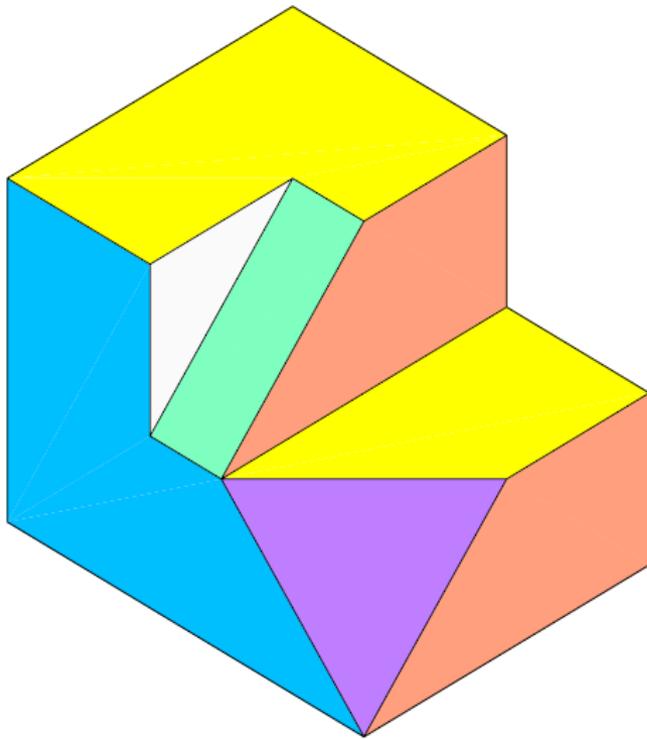
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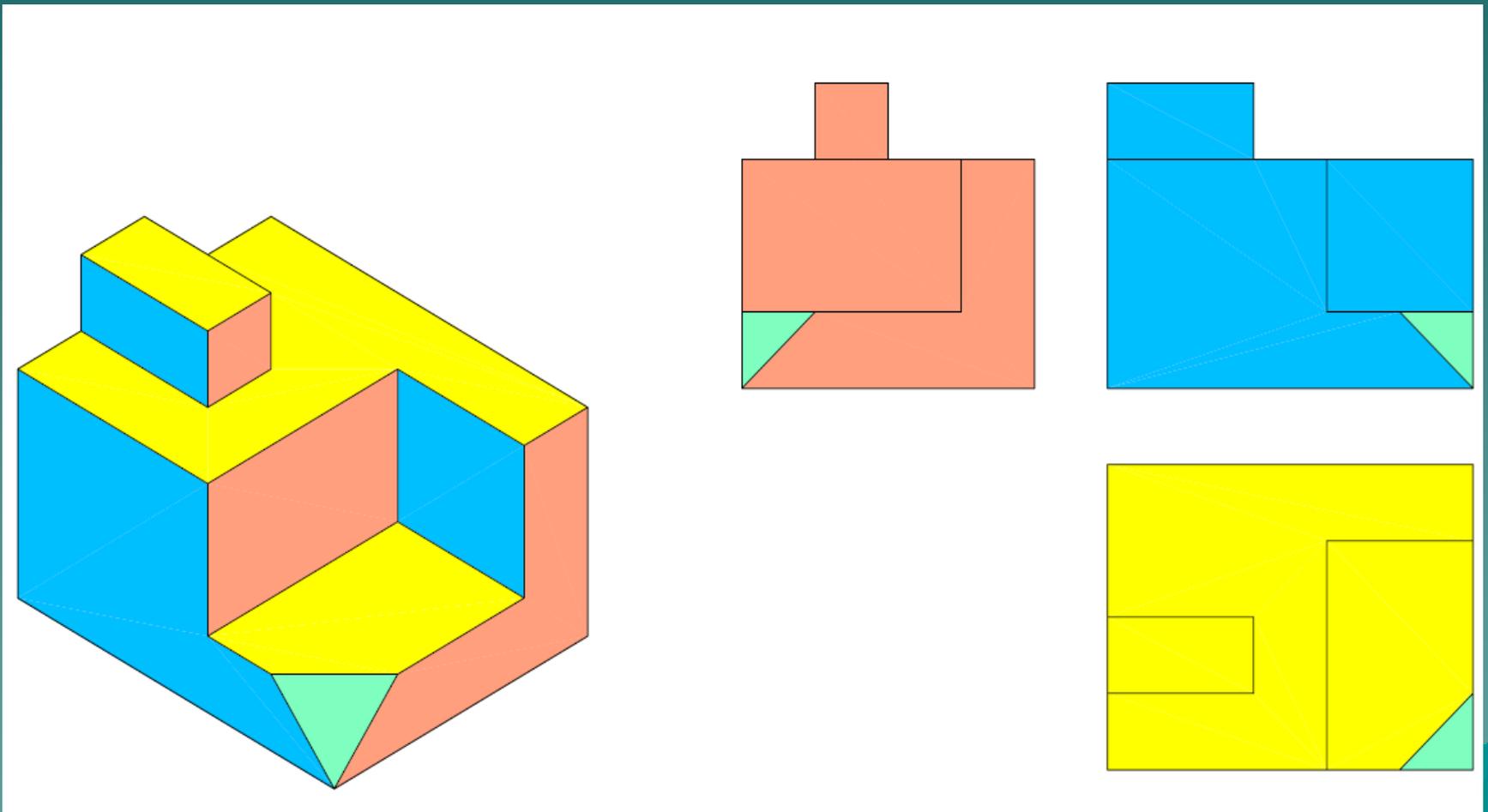
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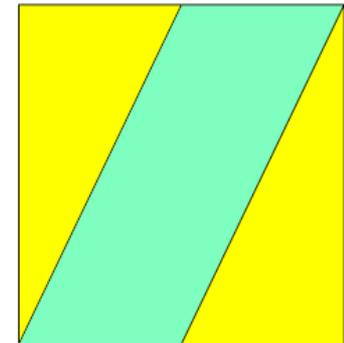
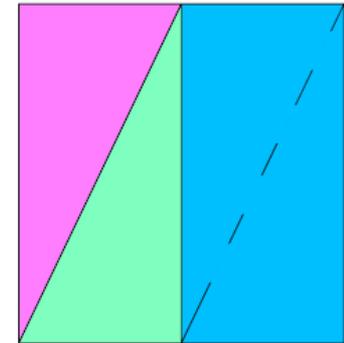
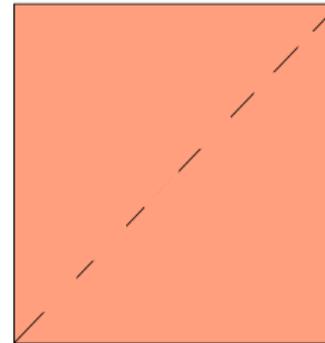
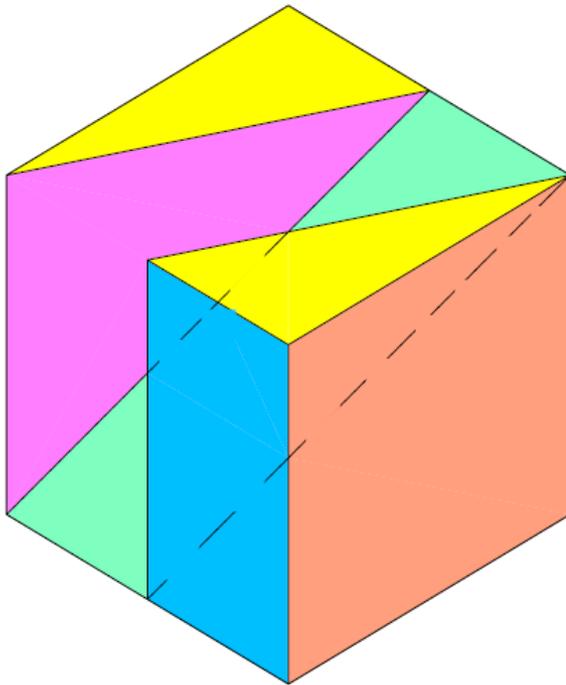
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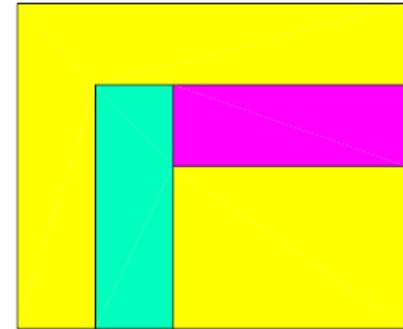
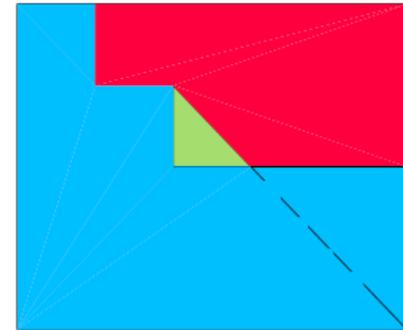
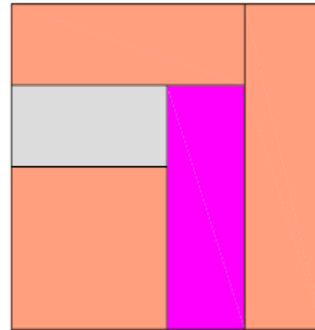
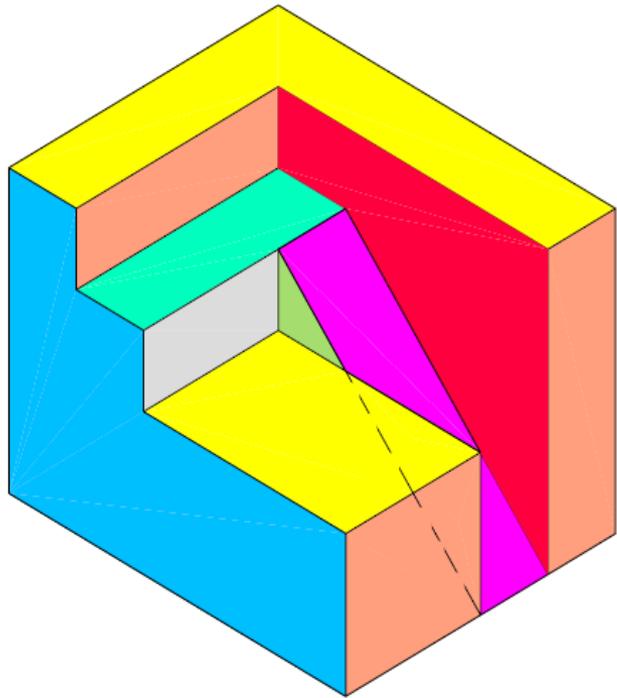
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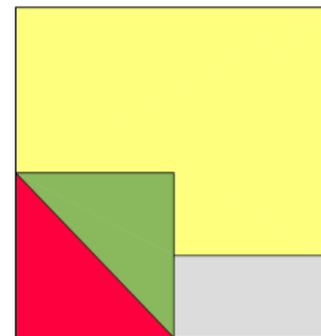
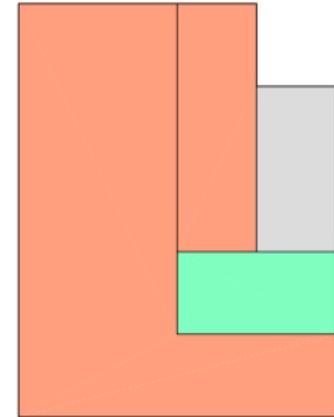
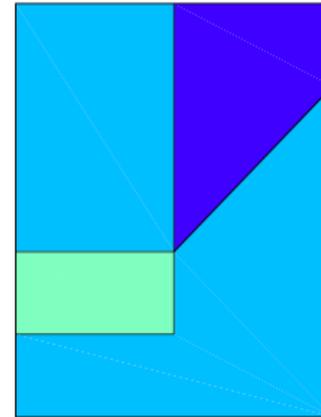
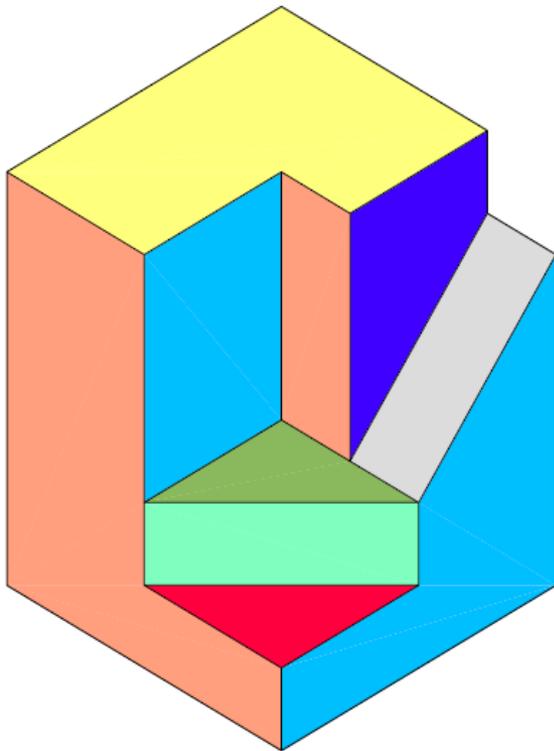
FICHA 1 EJERCICIO 8



FICHA 2 EJERCICIO 1



FICHA 2 EJERCICIO 3



FICHA 2 EJERCICIO 5

