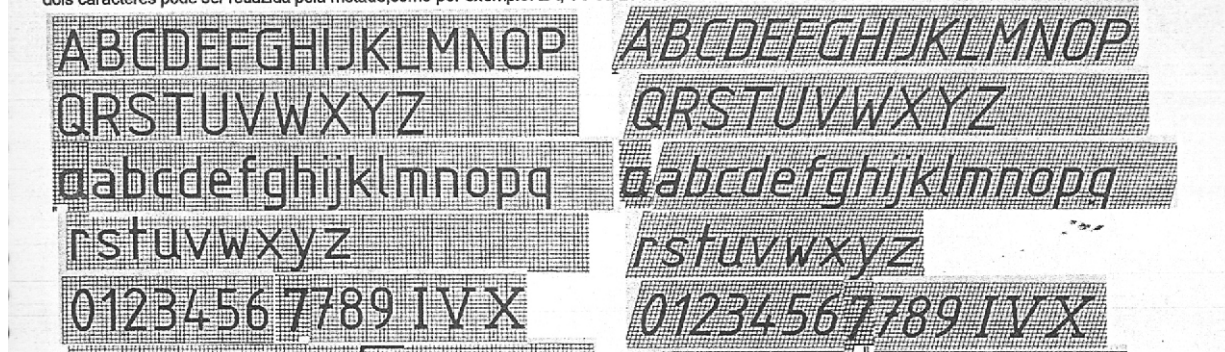


8. CALIGRAFIA TÉCNICA

A norma que fixa as condições para a escrita usada em desenhos técnicos é a NBR 8402 de março de 1994. As principais exigências na escrita são: legibilidade, uniformidade e adequação aos processos de reprodução. Os caracteres devem ser claramente distinguíveis entre si. Na tabela estão listadas as proporções e dimensões dos símbolos gráficos:

Características	Proporção	Dimensões (mm)							
altura das letras maiúsculas h	h	2.5	3.5	5	7	10	14	20	
altura das letras minúsculas c	(7/10) h	-	2.5	3.5	5	7	10	14	
distância mínima entre caracteres a *	(2/10) h	0.5	0.7	1	1.4	2	2.8	4	
distância mínima entre as linhas de base b	(14/10) h	3.5	5	7	10	14	20	28	
distância mínima entre as palavras e	(6/10) h	1.5	2.1	3	4.2	6	8.4	12	
largura da linha d	(1/10) h	0.25	0.35	0.5	0.7	1	1.4	2	

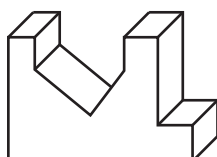
* para melhorar o efeito visual, a distância entre dois caracteres pode ser reduzida pela metade, como por exemplo: LA, TV ou LT neste caso a distância corresponde à largura da linha



EXERCÍCIOS

1- Identifique os sistemas de projeção das imagens abaixo de acordo com a legenda:

- 1- Cônico 2- Cilíndrico oblíquo 3- Cilíndrico ortogonal



[]



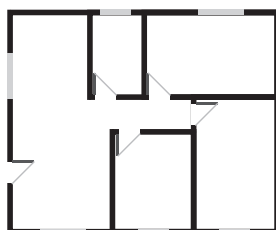
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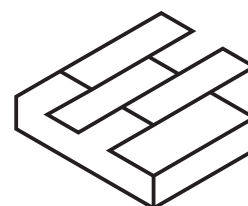
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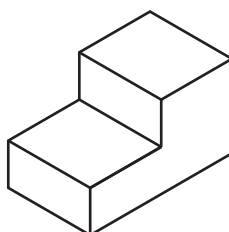
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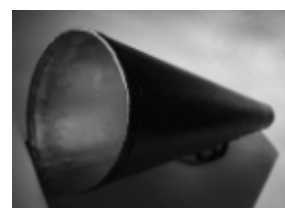
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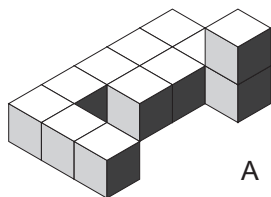
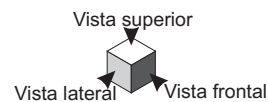


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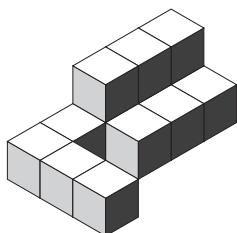


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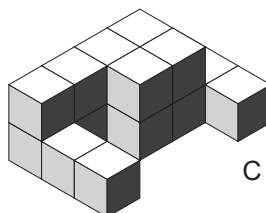
2- Dadas as peças abaixo, assinale as vistas corretas correspondentes:



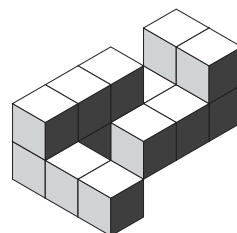
A



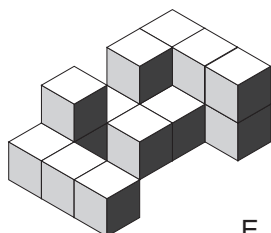
B



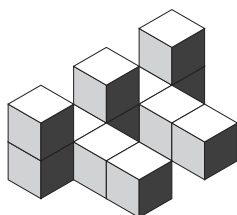
C



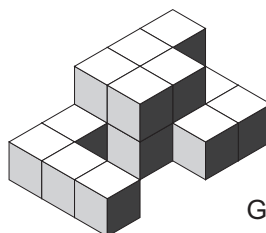
D



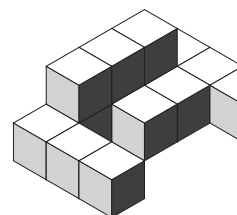
E



F

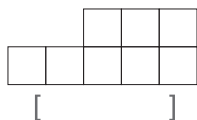
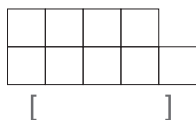
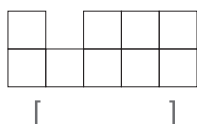
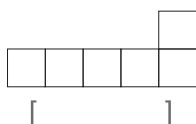


G

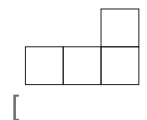
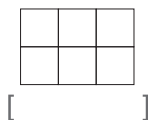
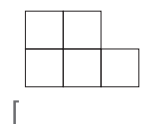
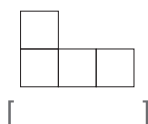


H

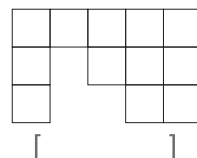
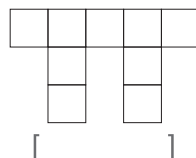
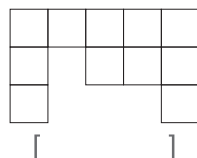
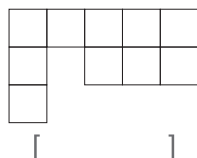
Vista frontal



Vista lateral



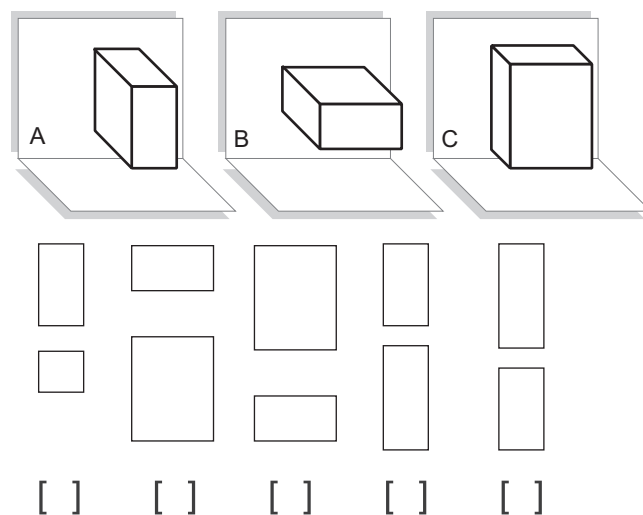
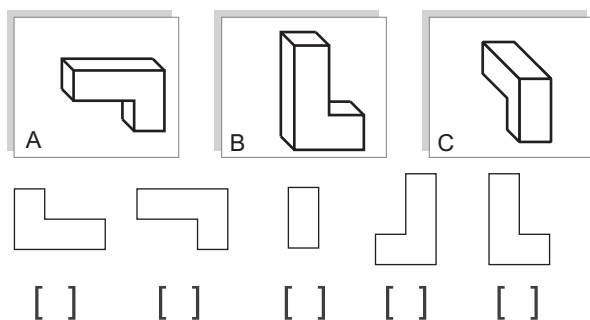
Vista superior



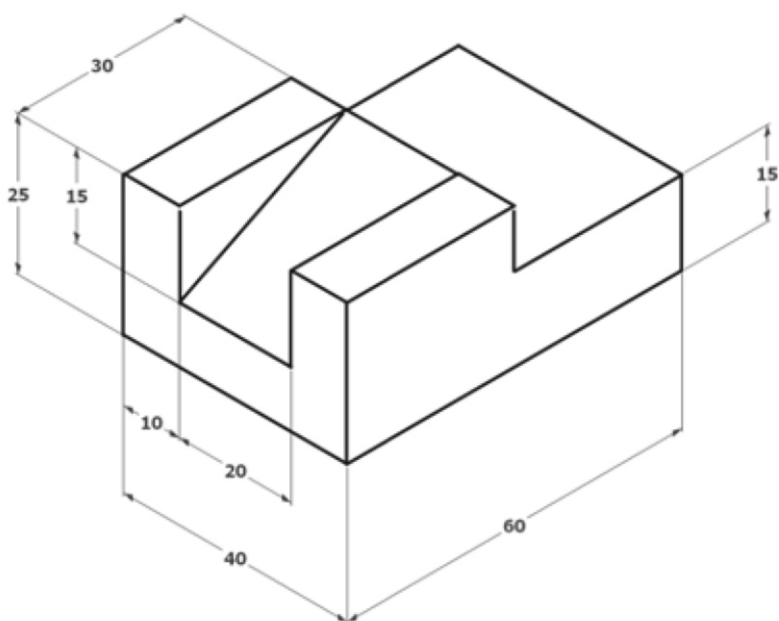
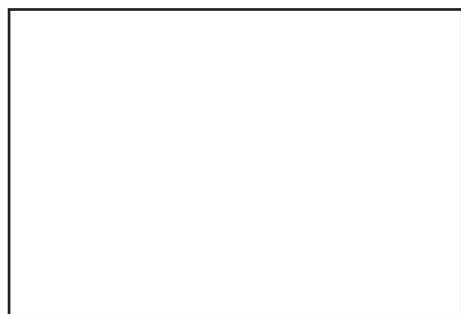
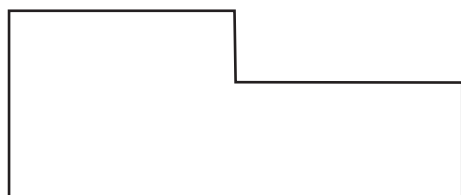
3 - Desenhe as vistas ortográficas da peça G da questão anterior, sabendo que cada cubo tem 5mm de aresta.

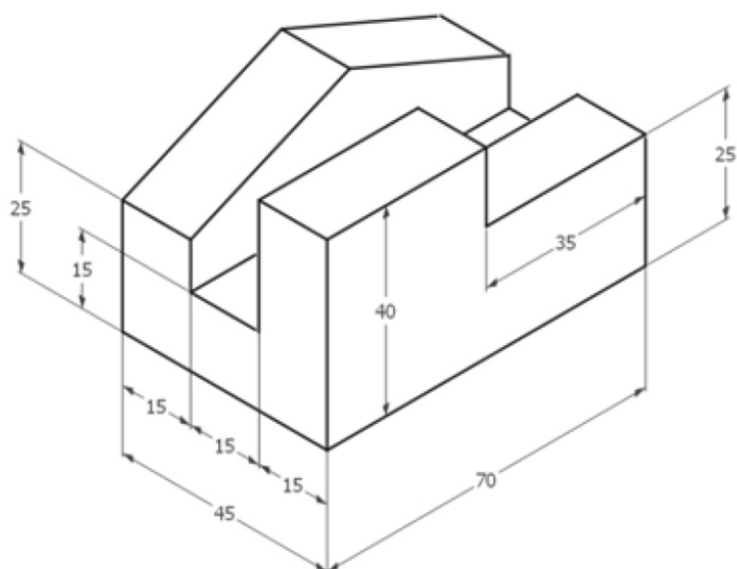
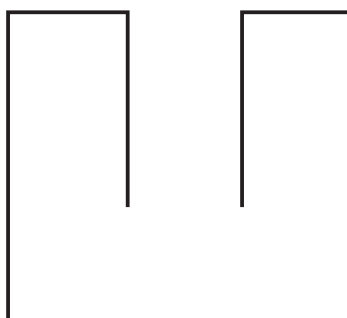
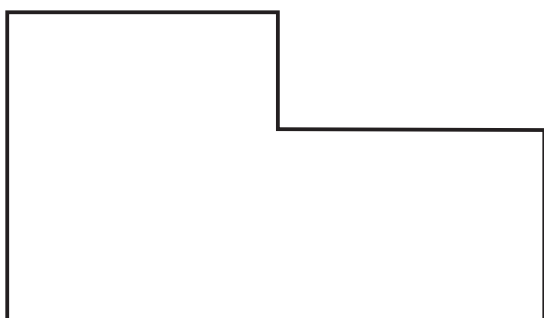
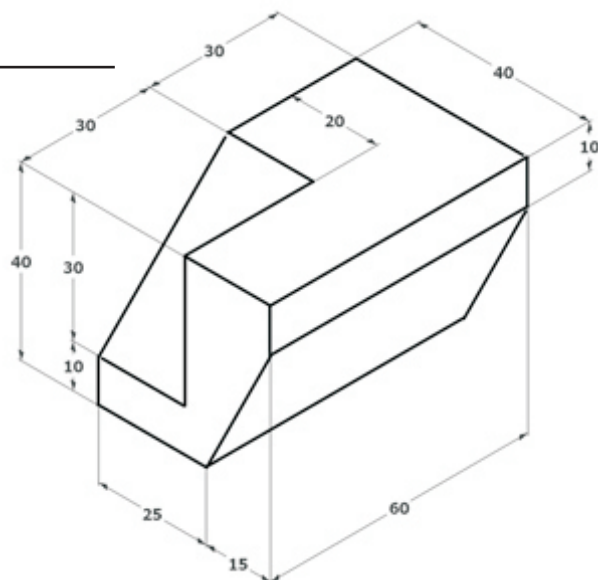
Mantenha o alinhamento entre as vistas

4 - Corresponda as projeções às peças:

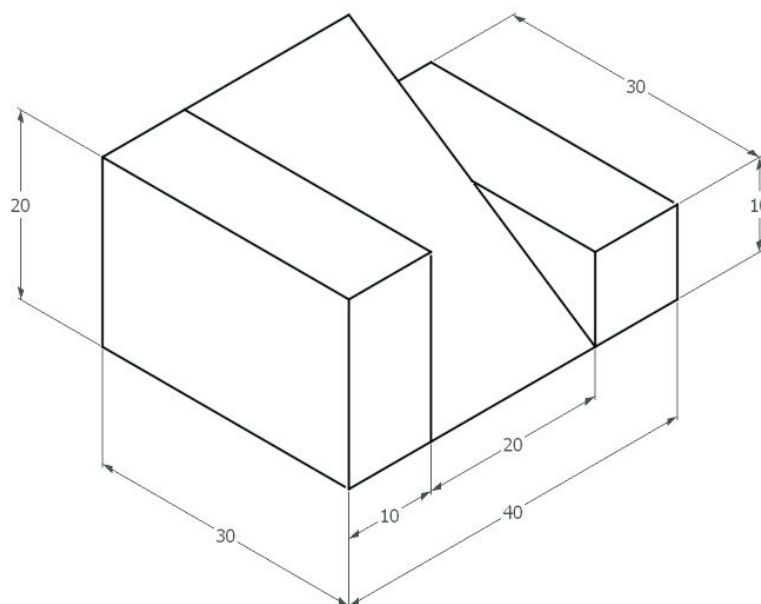
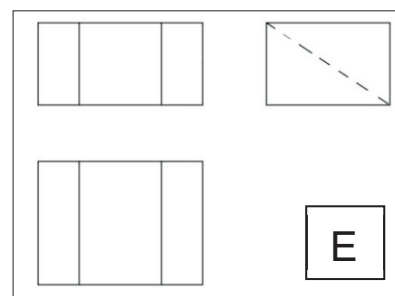
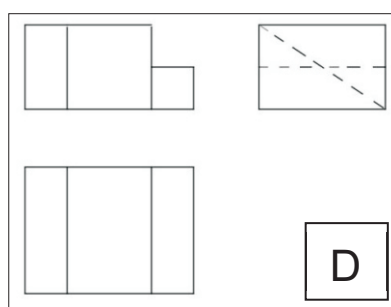
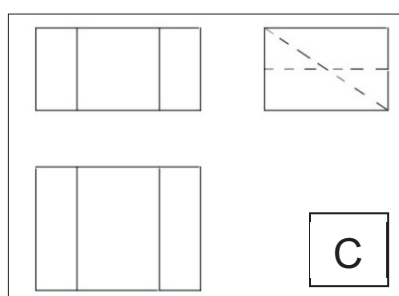
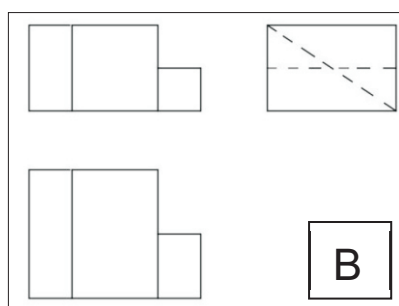
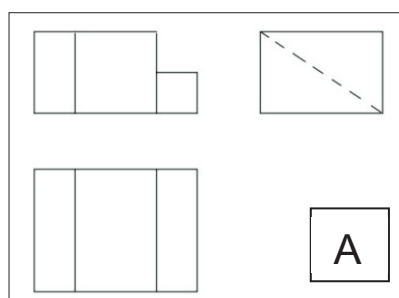


5 - Complete as vistas ortográficas das peças representadas em perspectiva isométrica:

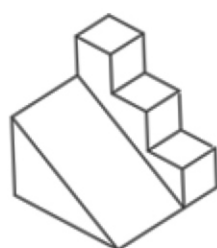
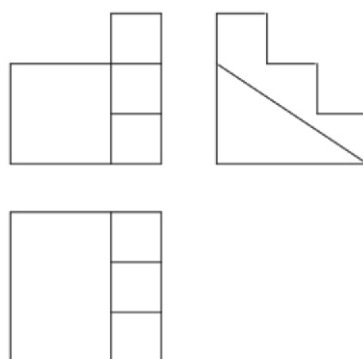




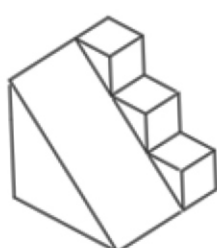
6- Observe a peça abaixo representada em perspectiva isométrica e, a seguir, assinale a alternativa que apresenta corretamente suas três vistas ortográficas principais:



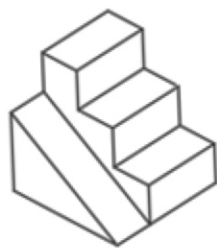
7- Assinale a perspectiva isométrica que corresponde às vistas ortográficas principais abaixo:



[A]



[B]



[C]



[D]



[E]

8- Construa, com o auxílio de instrumentos, as três vistas ortográficas dos sólidos a seguir:

dimensões em mm

