

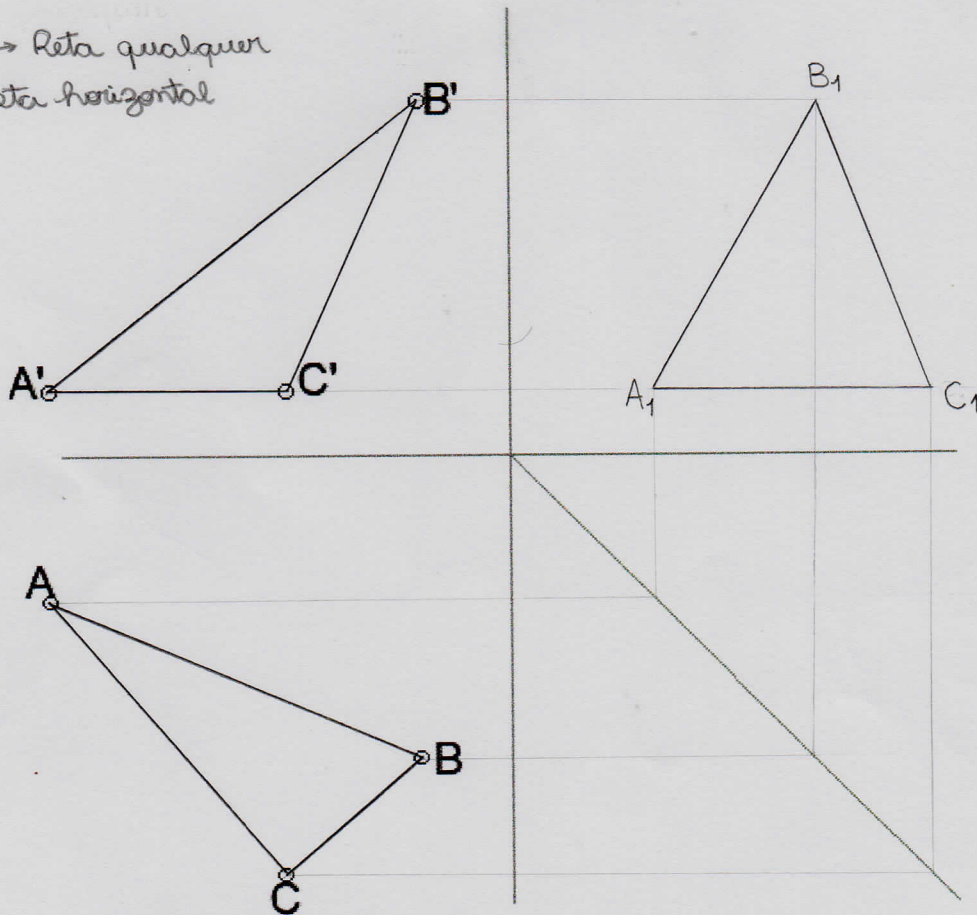
**Trabalho Prático 2. Geometria Descritiva**

Aluno: Raquel Jemêio Lucania Pereira da Costa Matrícula: 202045268
 Turma: 02A Data: 28/02/2021

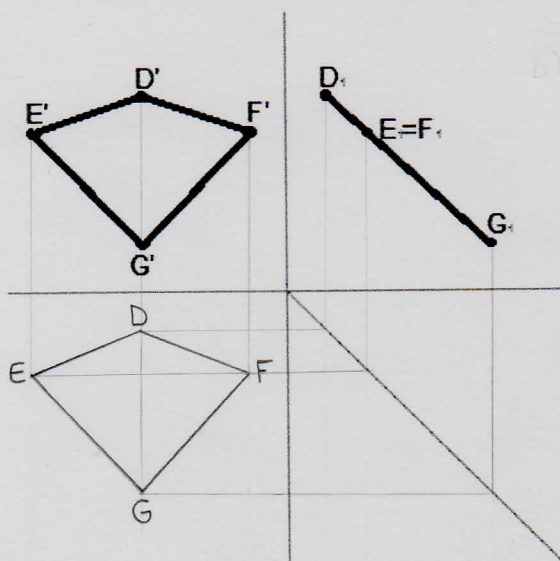
1. Trace as retas (A)(B), (B)(C) e (C)(A) unindo os pontos que aparecem nas figuras. Encontre a terceira vista utilizando o plano bissecor a 45° e identifique a posição dessas retas.

Figura 1.

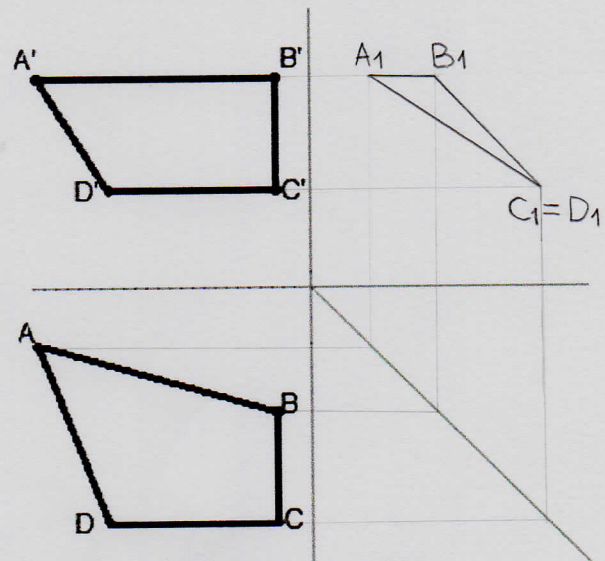
$AB, BC \rightarrow$ Reta qualquer
 $AC \rightarrow$ Reta horizontal



2. Projete a terceira vista das figuras dadas e diga qual é a posição de cada reta nestas figuras



2.1) $DE, EG, GF, FD \rightarrow$ Retas qualquer

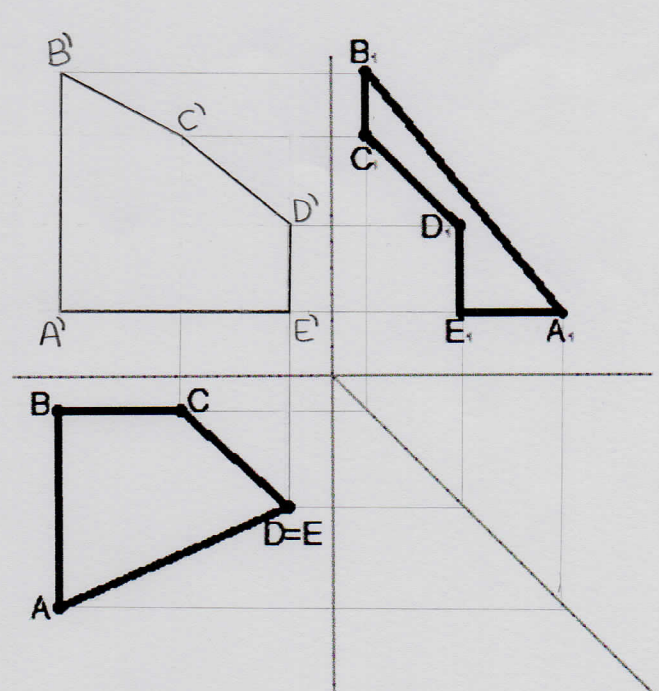
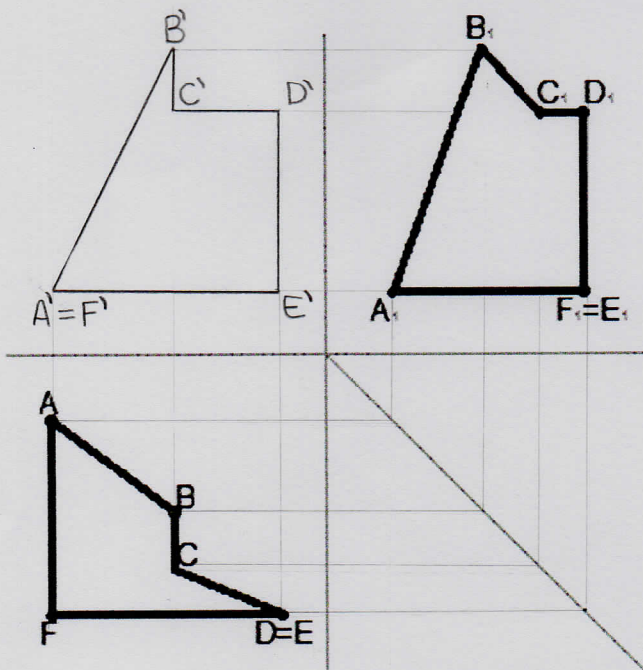
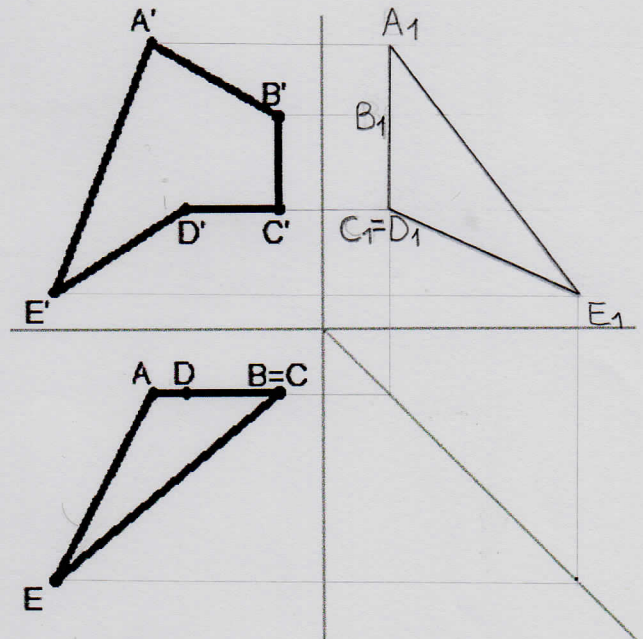
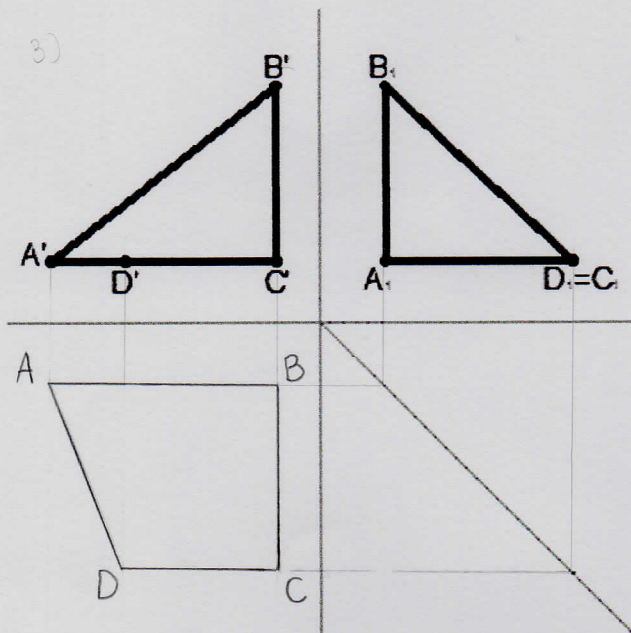


2.2) $AB \rightarrow$ Reta horizontal
 $BC \rightarrow$ Reta perfil
 $CD \rightarrow$ Reta frontohorizontal
 $DA \rightarrow$ Reta qualquer

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- 2.3) AB \rightarrow Reta frontal
 BC \rightarrow Reta perfil
 CD \rightarrow Reta frontohorizontal
 DA \rightarrow Reta horizontal

- 2.5) AB \rightarrow Reta qualquer
 BC \rightarrow Reta perfil
 CD \rightarrow Reta Horizontal
 DE \rightarrow Reta vertical
 EF \rightarrow Reta frontohorizontal
 FA \rightarrow Reta de topo

- 2.4) AB \rightarrow Reta frontal
 BC \rightarrow Reta vertical
 CD \rightarrow Reta frontohorizontal
 DE \rightarrow Reta qualquer
 EA \rightarrow Reta horizontal

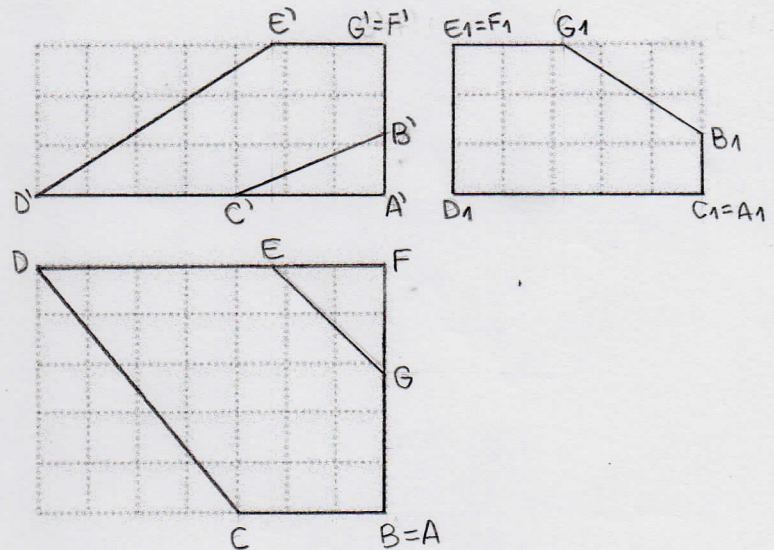
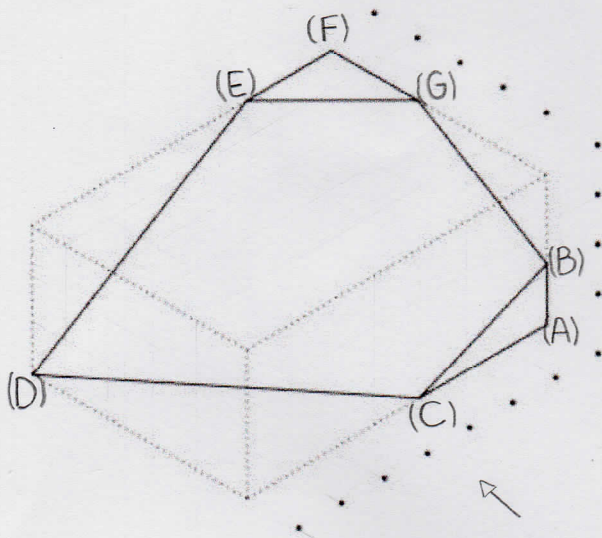
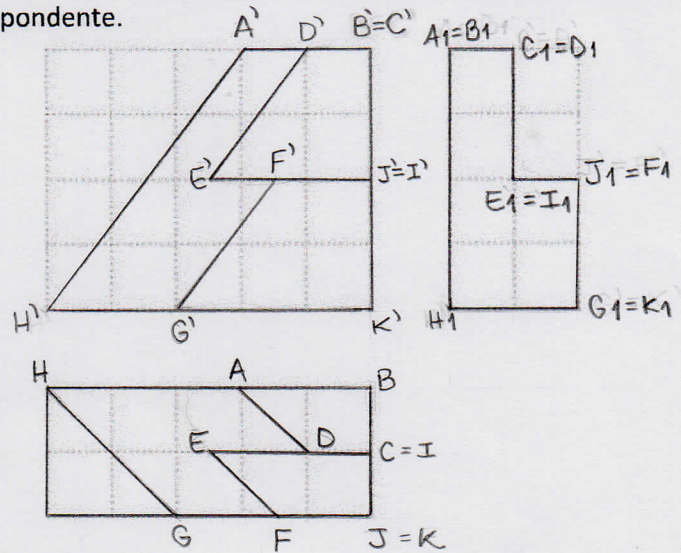
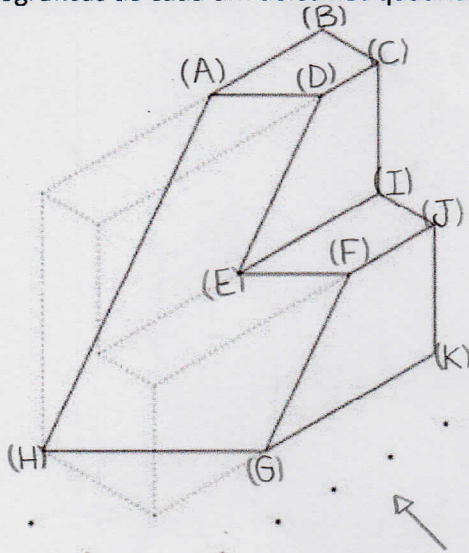
- 2.6) AB \rightarrow Reta perfil
 BC \rightarrow Reta frontal
 CD \rightarrow Reta qualquer
 DE \rightarrow Reta vertical
 EA \rightarrow Reta horizontal

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3. Nos seguintes sólidos selecione a vista frontal que melhor represente cada peça, e em função dela, identifique as retas com letras maiúsculas, (A), (B) etc. identifique as posições das arestas (retas) e projete as vistas ortográficas de cada um deles nos quadriculados correspondente.



3.1) AB, CD, EI, FJ, GK → Retas frontohorizontais
BC, IJ → Retas de topo
EF, AD, HG → Retas horizontais
CI, JK → Retas verticais
AH, FG, DE → Retas frontais

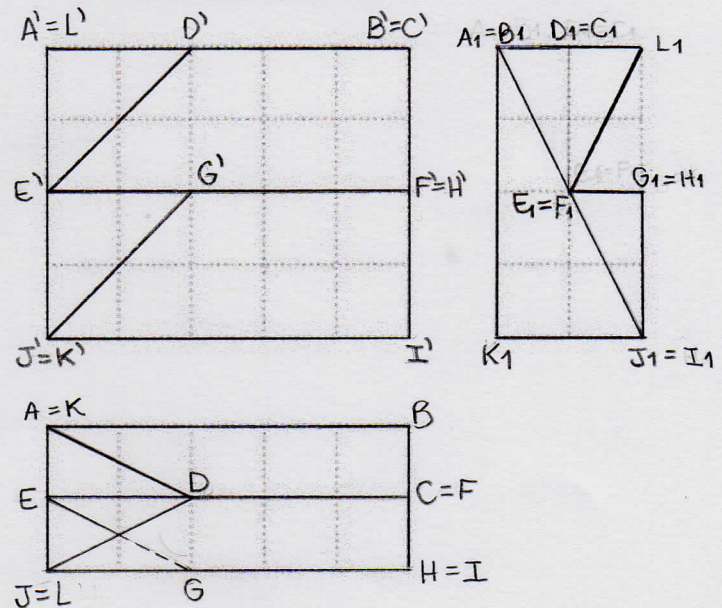
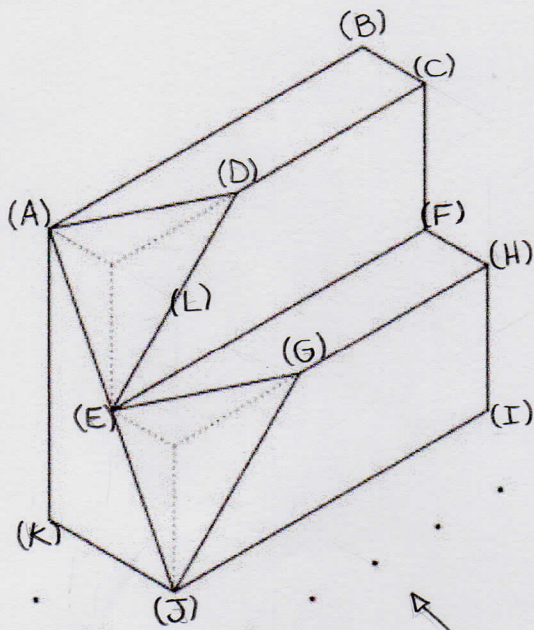
3.2) AB → Reta vertical
BC, DE → Retas frontais
CD, EG → Retas horizontais
EF, AC → Retas frontohorizontais
FG → Reta de topo
GB → Reta perfil

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3-3) AB, CD, EF, GH, IJ \rightarrow Retas frontohorizontais

BC, FH, JK \rightarrow Retas de topo

CF, HI, AK \rightarrow Retas verticais

ED, AJ \rightarrow Retas perfil

DL, AD, EG \rightarrow Retas horizontais

GJ \rightarrow Retas frontal