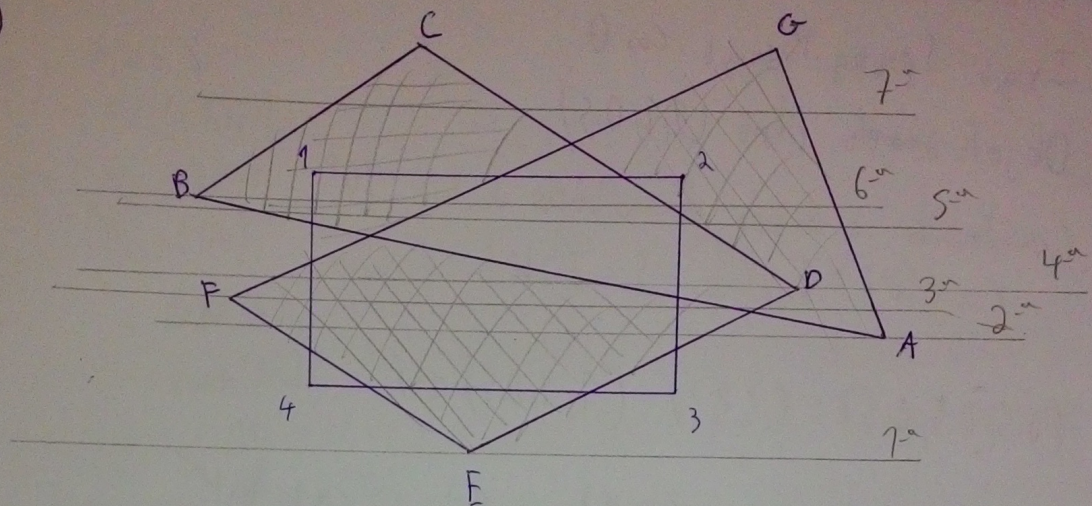


②



Linhas	Arestas
—	NIL
1 ^a	$EF \rightarrow ED$
2 ^a	$EF \rightarrow ED \rightarrow AB \rightarrow AG$
3 ^a	$FG \rightarrow BD \rightarrow AB \rightarrow AG$
4 ^a	$FG \rightarrow AB \rightarrow DC \rightarrow AG$
5 ^a	$AB \rightarrow FG \rightarrow DC \rightarrow AG$
6 ^a	$BC \rightarrow FG \rightarrow DC \rightarrow AG$
7 ^a	$BC \rightarrow DC \rightarrow FG \rightarrow AG$

e) ?

6) a) $MV = I$

4) a) Reflexão Difusa

6-I-2017-2012-Exame-N

$$I_{r,rgb} = I_{p,rgb} \cdot K_{d,rgb} \cdot \cos \theta$$

Objeto amarelo claro $(1, 1, 0.5)$

Considerando o ângulo de incidência da luz 90°

$$\cos(90^\circ) = 1, \text{ logo } I = I \cdot K$$

$$\bullet (0.5, 0.5, 0.5) = (? , ? , ?) \cdot (1, 1, 0.5) \quad (1)$$

$$(2) (? , ? , ?) = (0.5, 0.5, 1) \rightarrow \text{pode ser cinzento} \checkmark$$

$$\bullet (1, 0.5, 0) = (? , ? , ?) \cdot (1, 1, 0.5) \quad (2)$$

$$(2) (? , ? , ?) = (1, 0.5, 0) \rightarrow \text{pode ser laranja} \checkmark$$

$$\bullet (1, 0, 0) = (? , ? , ?) \cdot (1, 1, 0.5) \quad (2)$$

$$(2) (? , ? , ?) = (1, 0, 0) \rightarrow \text{pode ser Vermelho} \checkmark$$

$$\bullet (0.5, 1, 1) = (? , ? , ?) \cdot (1, 1, 0.5) \quad (1)$$

$$(1) (? , ? , ?) = (0.5, 1, 2) \rightarrow \text{Não pode ser cinza claro, pois o coeficiente só varia entre 0 e 1}$$

SI-2011-2012-EXAME-NORMAL

⑥ a) $MV = I$

$MV.S(1,2,3);$

$MV.RZ(10);$

$Push(MV);$

$MV.RX(35);$

$Push(MV);$

$MV.S(3,2,1);$

$MV.RZ(12);$

$MV.T(5,7,7)$

$P2();$

$Pop(MV);$

$Push(MV);$

$MV.T(0,20,10);$

$MV.RX(7);$

$P2();$

$Pop(MV);$

$Pop(MV);$

~~$Push(MV);$~~

$MV.T(6,7,8);$

$MV.S(4,7,4);$

$MV.RX(5);$

$P3();$

$Pop(MV);$