

· Senda ar segmentor EA e ED congruente, tena que a triangula DEA à inoculer. Portanta:

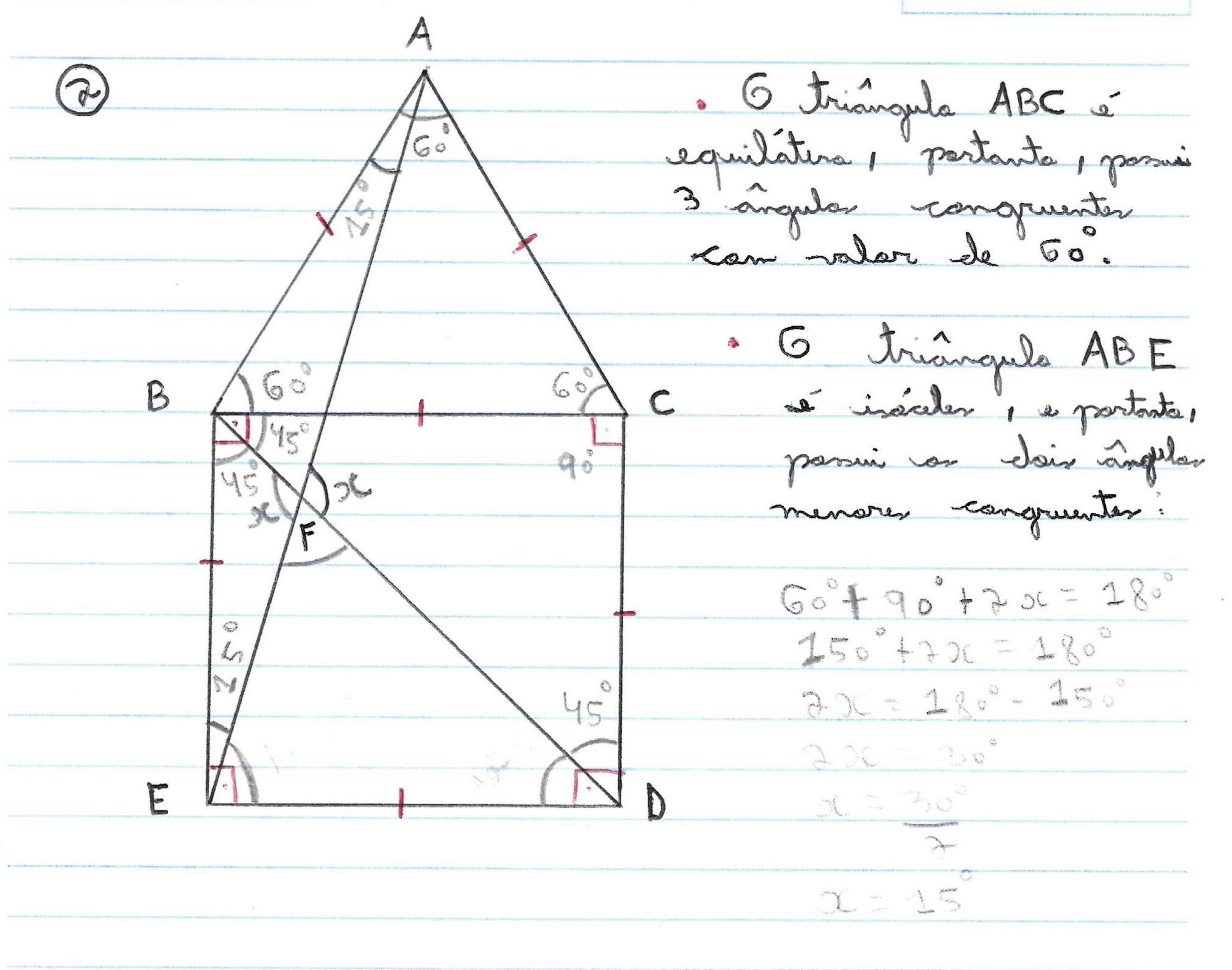
$$90^{\circ} + 20c = 180^{\circ} - 90^{\circ}$$

$$3c = 90^{\circ}$$

$$3c = 45^{\circ}$$

Par fim, a triangula isáceles DBC passii um anapula de 150° (90°+60°) e dais ânqulas congruentes. Co abter a valor deser anapular, encontramos a valor de X (a anapula CDA):

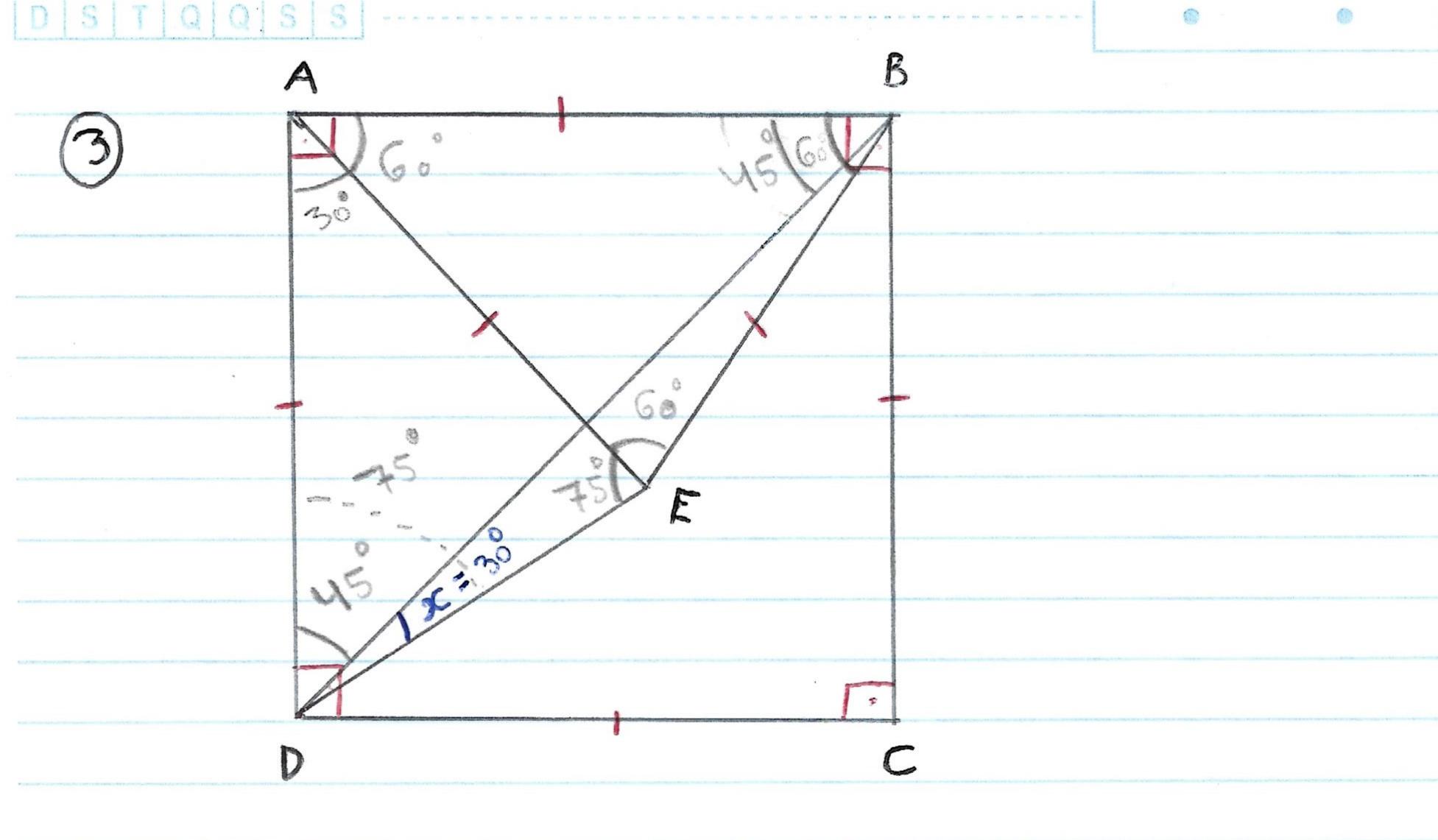
DBC 
$$150^{\circ} + 70 = 180^{\circ}$$
  $CDA = 90^{\circ} - 45^{\circ} - 15^{\circ}$   
 $200 = 180^{\circ} - 150^{\circ}$   $CDA = 30^{\circ}$   
 $200 = 30^{\circ}$   $CDA = 30^{\circ}$   
 $300 = 30^{\circ}$   $R: (D) 30^{\circ}$ 



G triangula BCD tambén é isociler, loga, passui um anoque de 90° e doir conquenter de 45°.
Com essar informações, sabemar que a ânquea AFD terá a mesma medido de ânquea BFE, poir ambor são apostor pela vertice. Denda amim :

 $45^{\circ} + 15^{\circ} + 00 = 180^{\circ}$   $60^{\circ} + 00 = 180^{\circ}$   $90 = 180^{\circ} - 60^{\circ}$   $90 = 170^{\circ} - 60^{\circ}$   $90 = 170^{\circ}$   $90 = 170^{\circ}$   $90 = 170^{\circ}$ 

R: (c) 120°



· Salenda que ce triânepla ABE premi três âneplas congruenter de 60° ( poir é equilâtera), e que a triânepla ADE é isôceles, possimbre doir anaplor congruenter, temos:

DAE = 90°-60° = 30° -> 30° +200 = 180° - 90°

200 = 180° - 90°

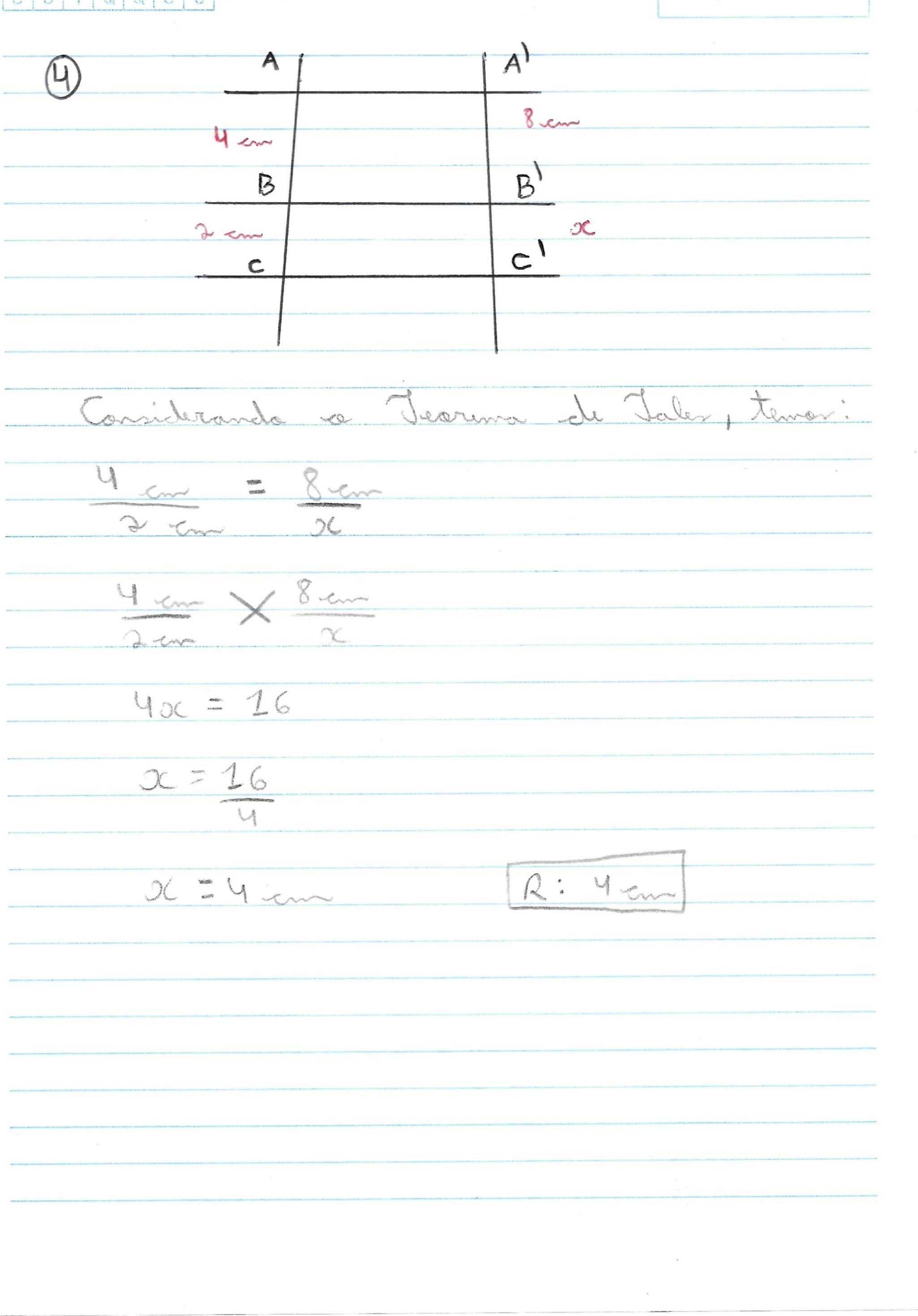
200 = 450°

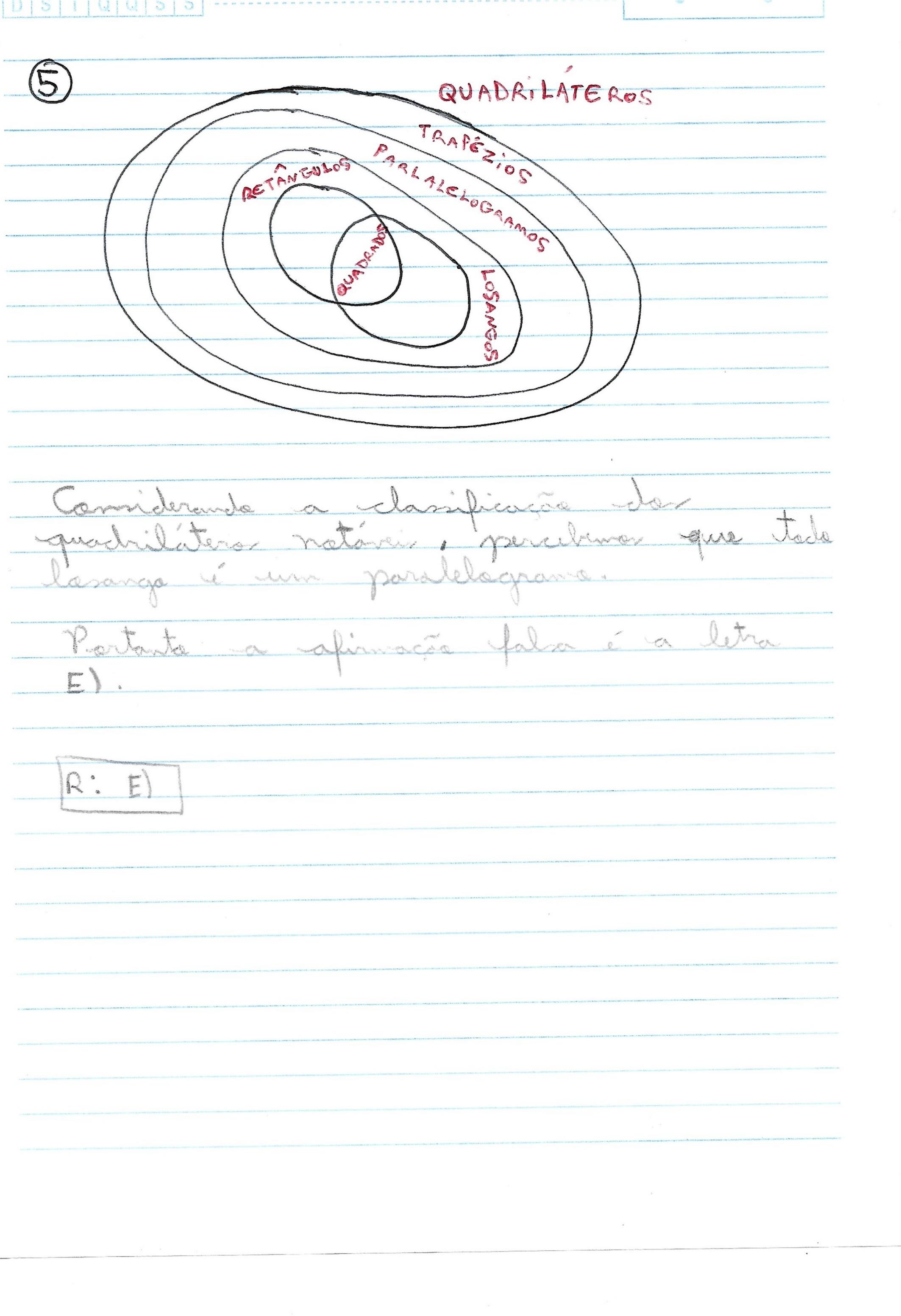
200 = 450°

"Dada que a trianquela ADB é viaceller, temar:

2 = 75

 $90^{\circ} + 30 = 180^{\circ}$  Portanta:  $300 = 180^{\circ} - 90^{\circ}$  BDE =  $75^{\circ} - 45^{\circ}$   $300 = 30^{\circ}$  BDE =  $30^{\circ}$  $300 = 30^{\circ}$  R: (E)  $30^{\circ}$ 





			5
(6)			
200~	SC		
d- 30.m	x +40 m		
200 ~	200		
750 W	X + 40 m		
200m			
250m	Mo m		
2500C= 2000C+8000m			
	x + 1000 m	· · · · · · · · · · · · · · · · · · ·	
3-500c - 3-00x =			
5000 = 8000 m			
X W YOUR			
			-1

D 3 1 G G 5 5 -----