

INSTITUTO FEDERAL DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA DE SÃO  
PAULO – CAMPUS CUBATÃO

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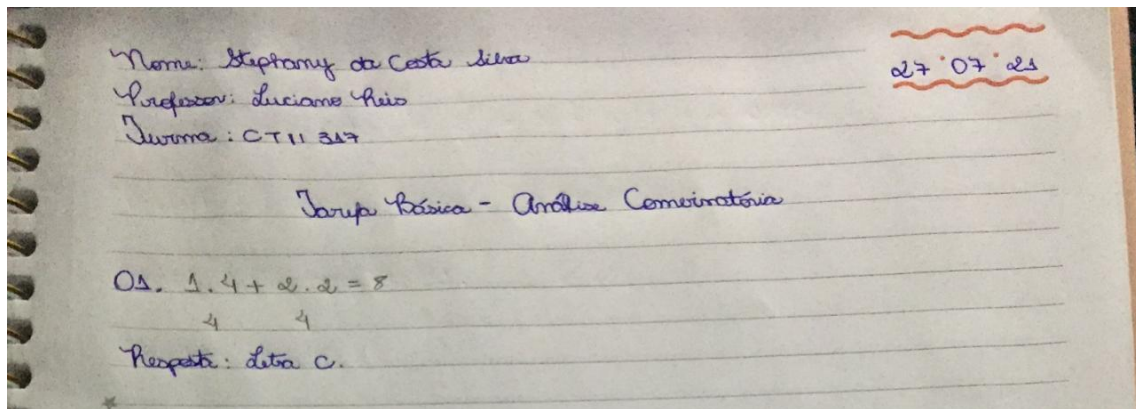
Data: 27/07/2021

Turma: CTII 317

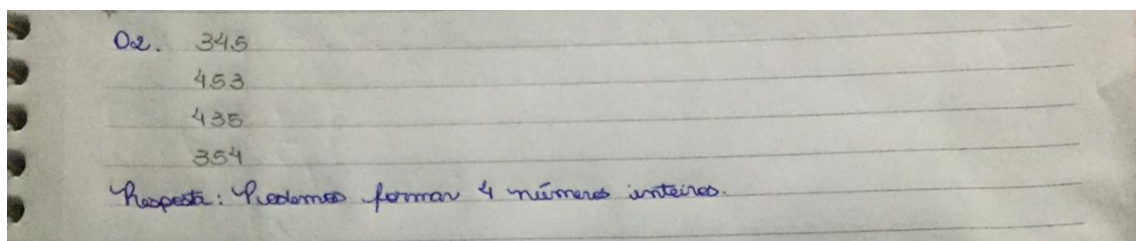
## **INTRODUÇÃO À ANÁLISE COMBINATÓRIA**

## QUESTÕES

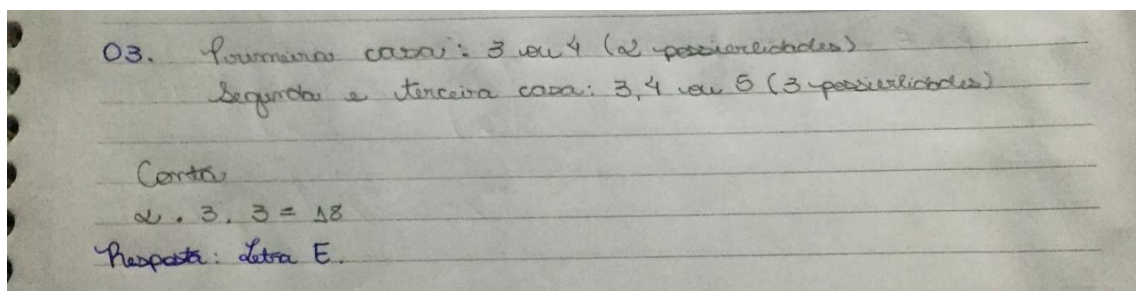
01.



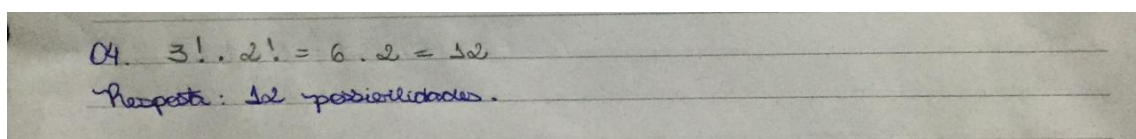
02.



03.



04.



05.

05.  $3 \cdot 2 + 2 \cdot 2 = 10$   
6      4  
Resposta: letra B.

06.

06.  $22 = 11$   
2  
★  $2^{11} = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 = 2048$   
★ ★ ★ ★ ★  
Resposta: 2048 possibilidades.