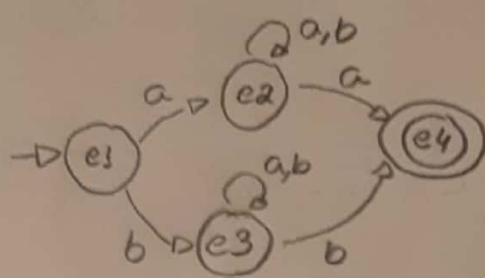
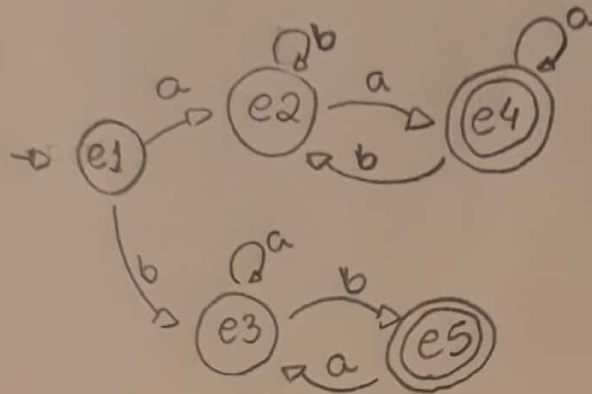


1) A)

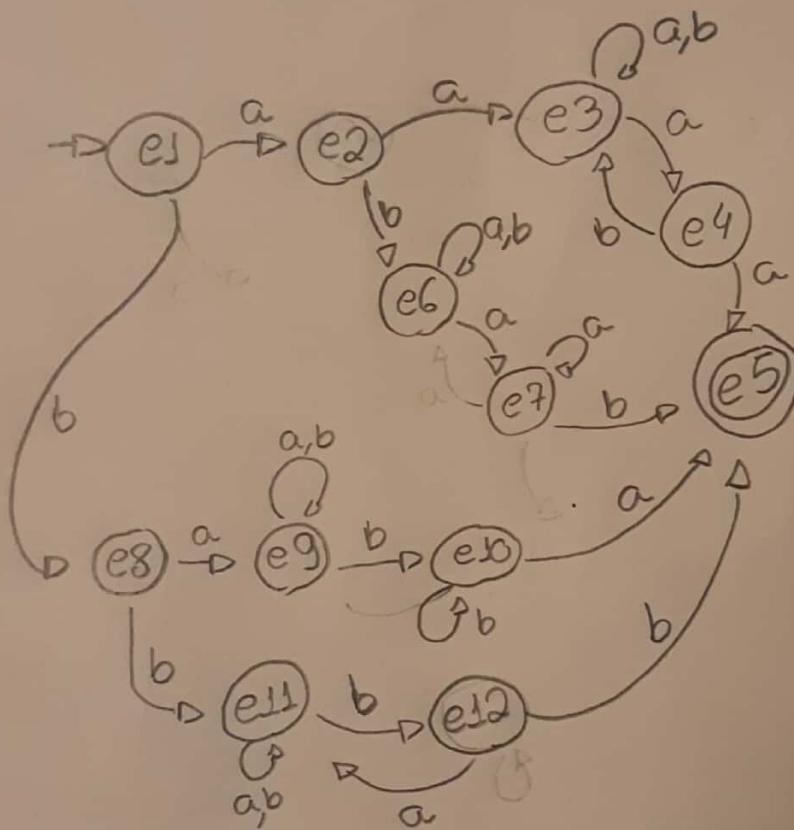


AFN = 4 estados



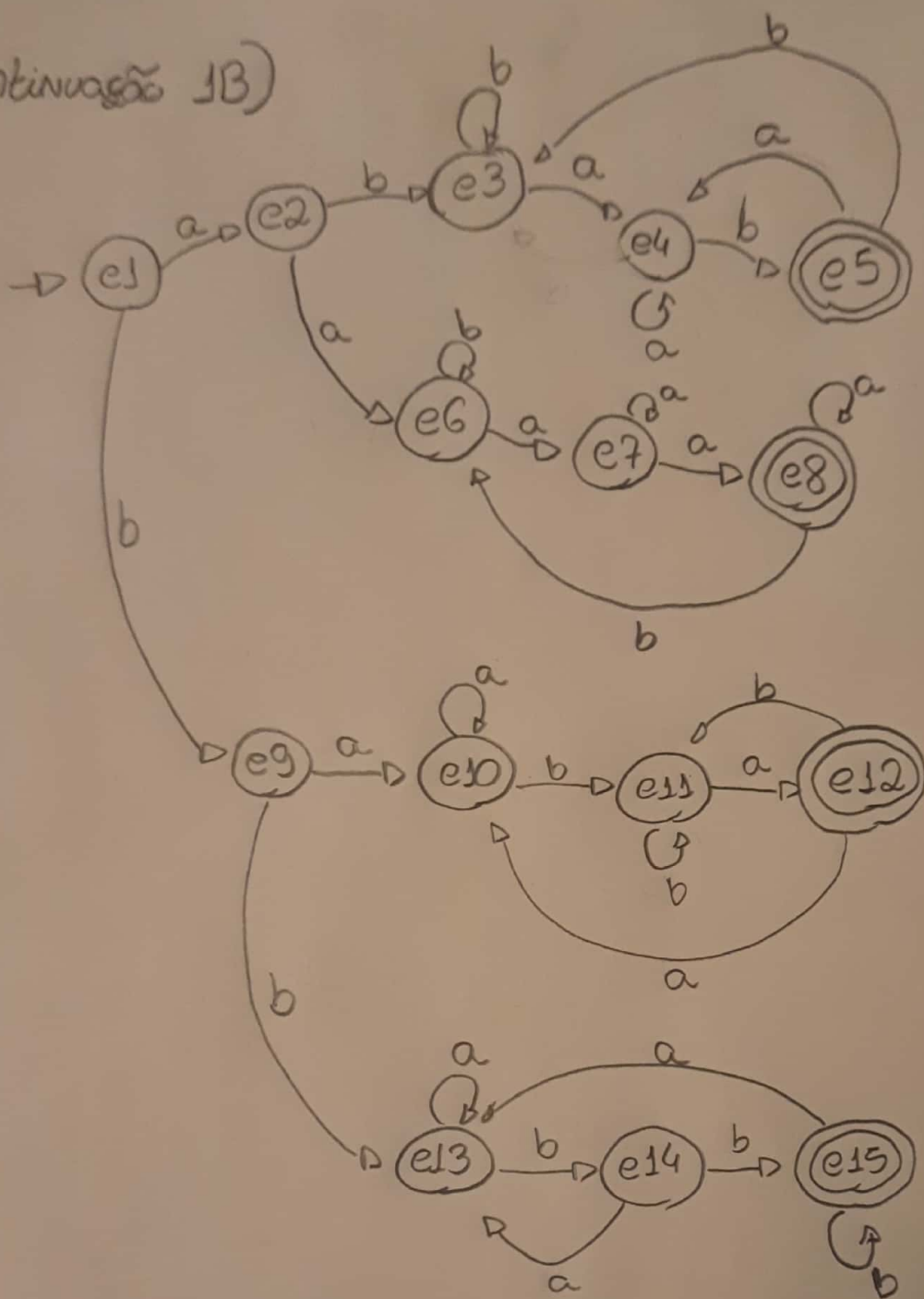
AFD = 5 estados

B)



AFN = 12 estados

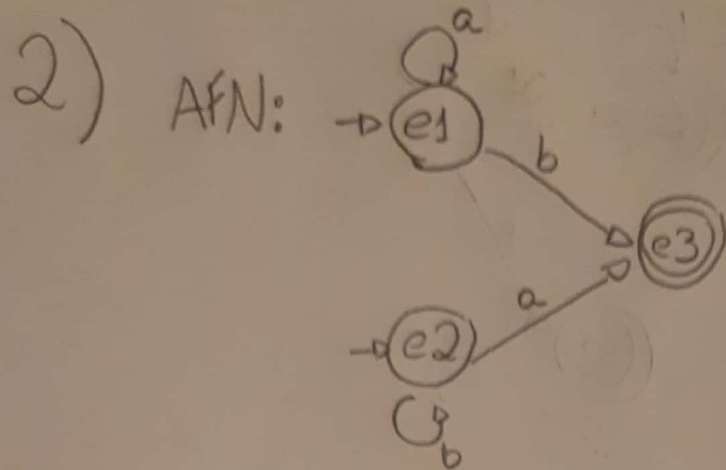
continuação 1B)



AFD = 15 estados

1) C)

$$AFD = \infty$$

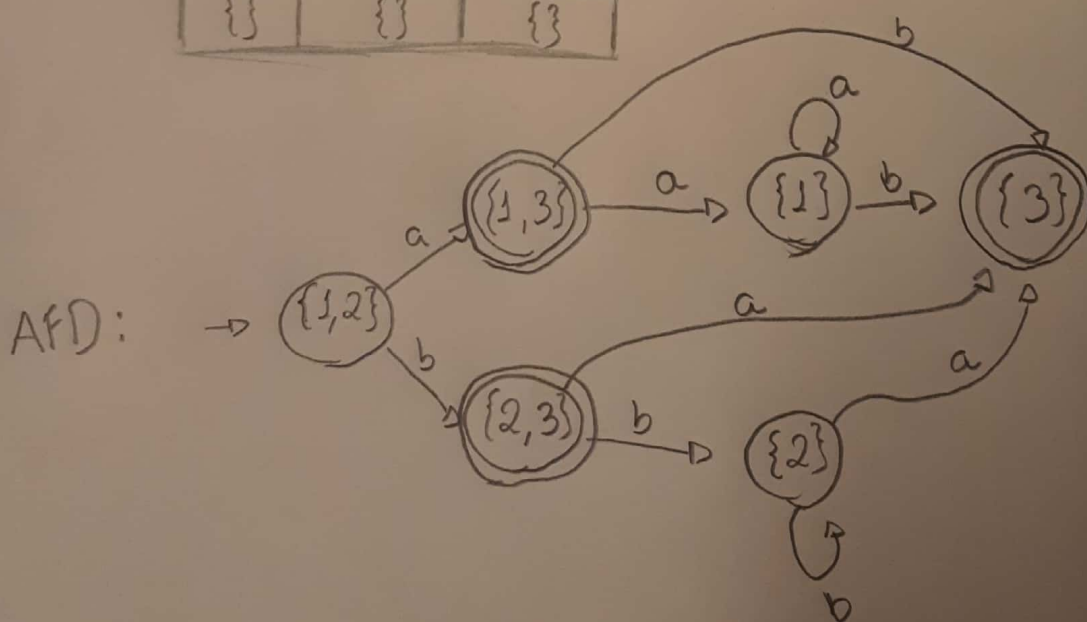


AFD:

	a	b
{1,2}	{1,3}	{2,3}
{1,3}	{1}	{3}
{2,3}	{3}	{2}
{1}	{1}	{3}
{2}	{3}	{2}
{3}	{}	{}
{}	{}	{}

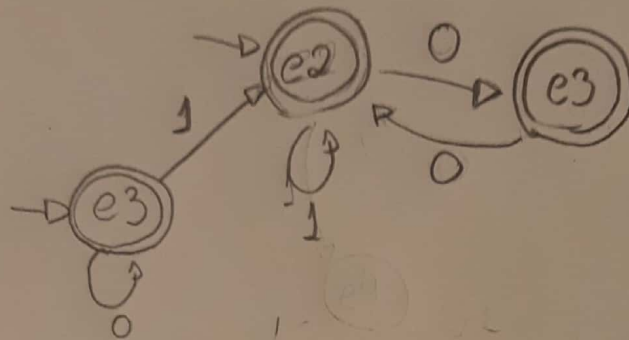
Transição:

	a	b
1	{1}	{3}
2	{3}	{2}
3	∅	∅



3)

10001



Não consegui terminar