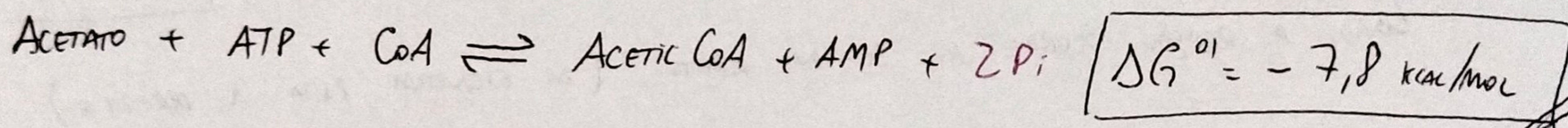
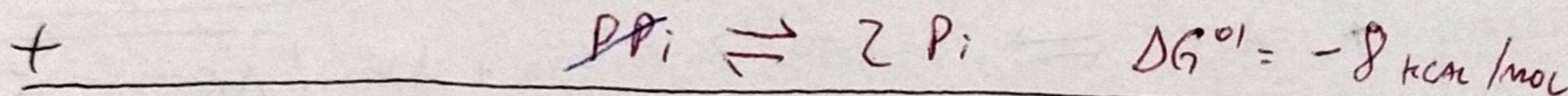
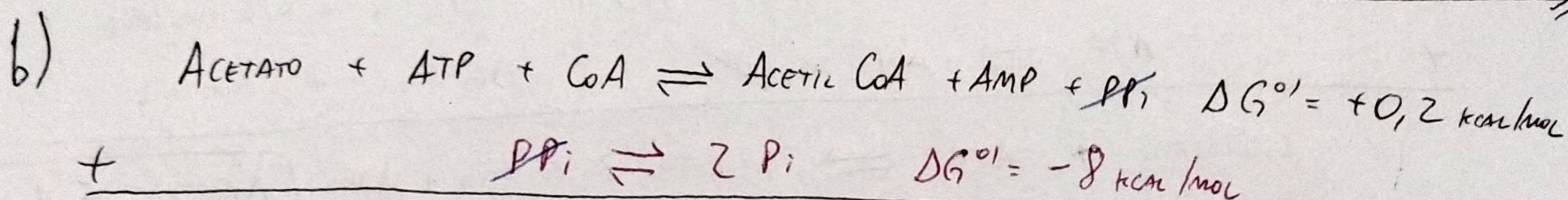
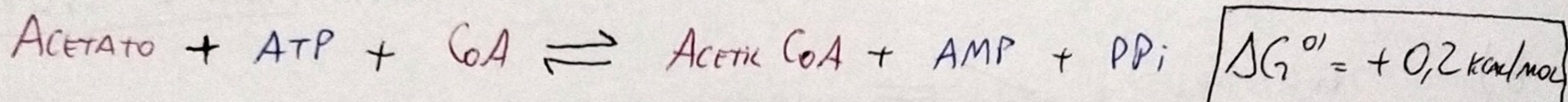
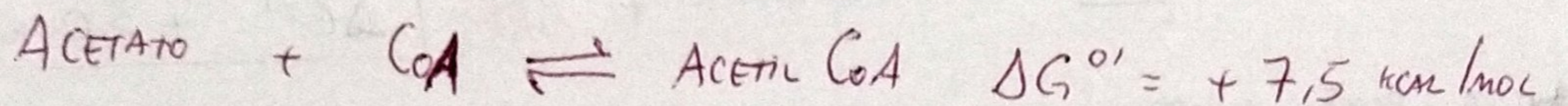
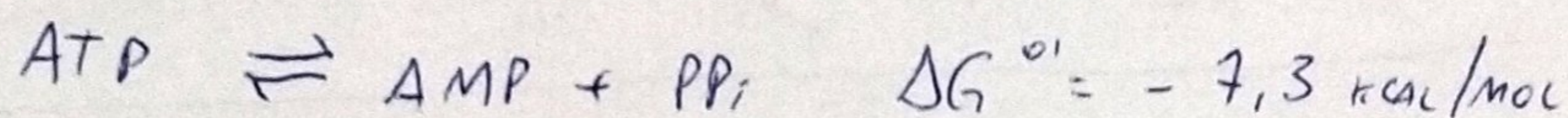
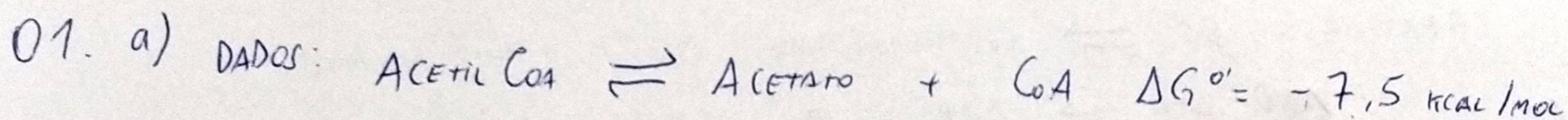
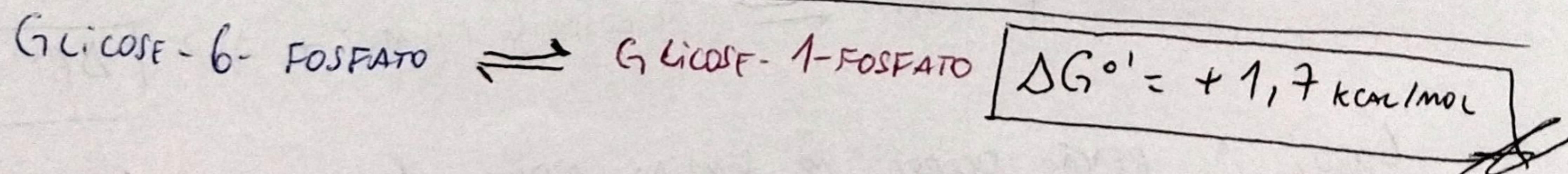
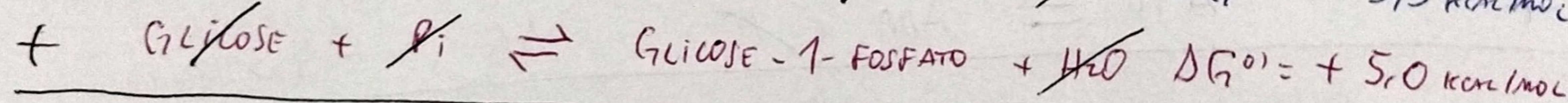
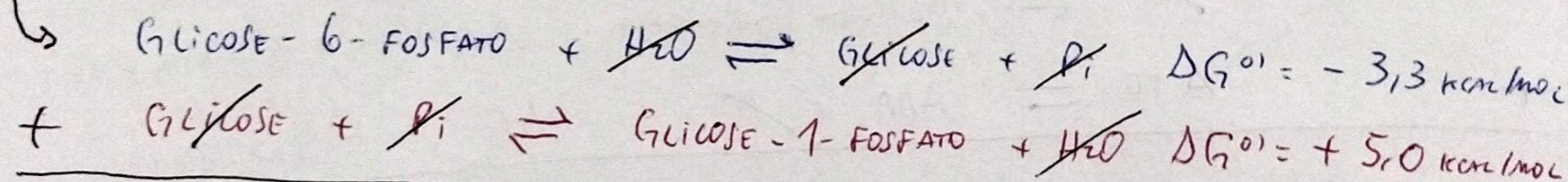
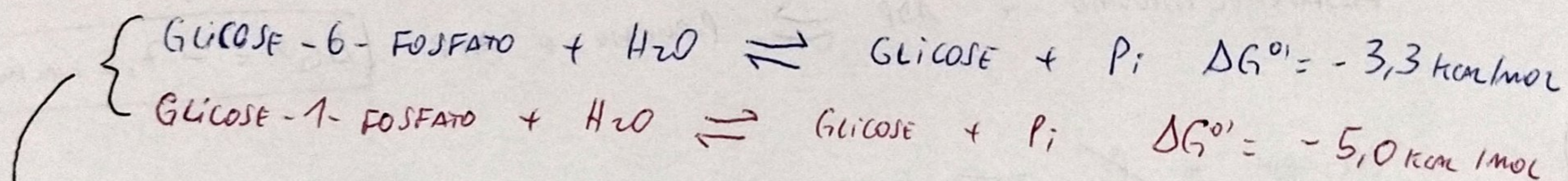


GABARITO LISTA 8 - TERMODINÂMICA APLICADA ÀS REAÇÕES BIOLÓGICAS

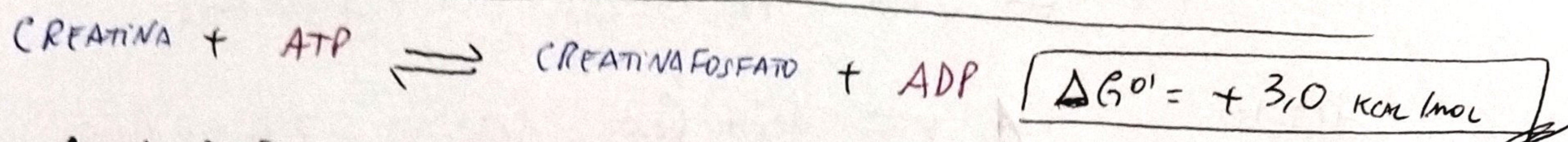
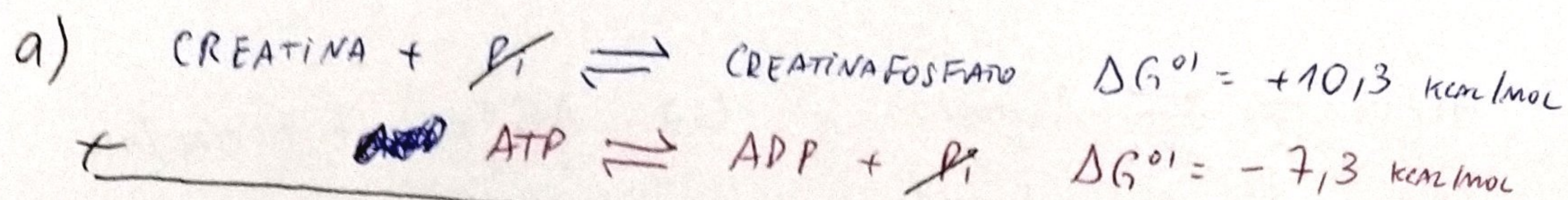


Logo, a hidrólise de PP_i a 2P_i é acoplada à reação de formação do Acetil CoA a partir de Acetato, tornando um processo que antes não era espontâneo ($\Delta G^{\circ'} = +0,2 \text{ kcal/mol}$), espontâneo (~~espontâneo~~) ($\Delta G^{\circ'} = -7,8 \text{ kcal/mol}$).

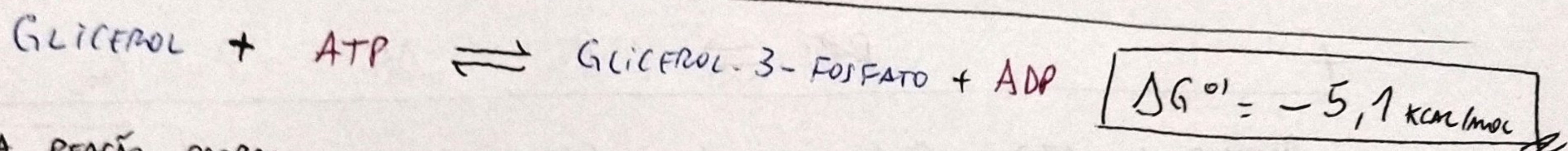
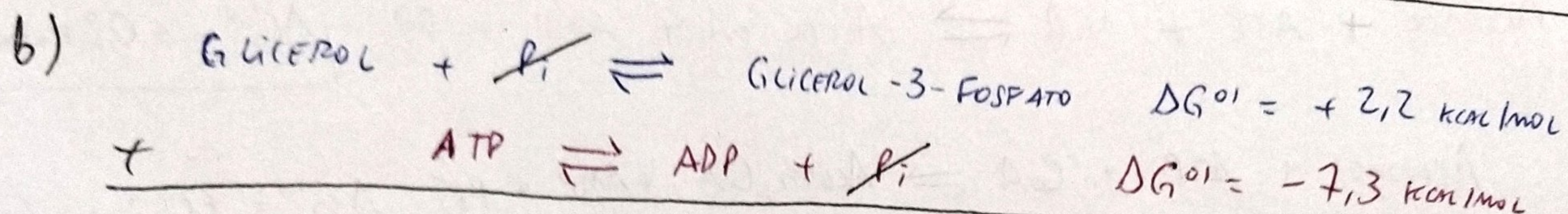
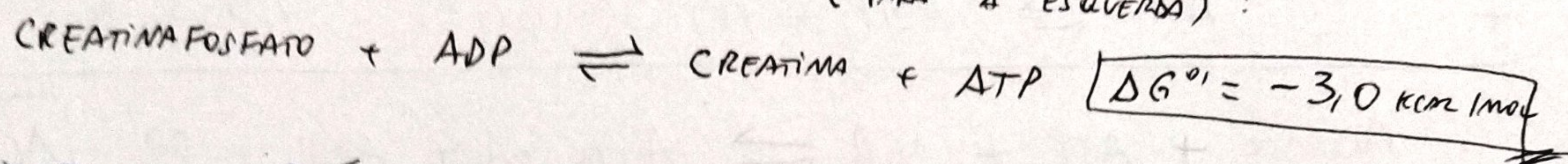
02. ESCREVENDO AS REAÇÕES DE HIDRÓLISE NO FORMATO DE EQUAÇÕES:



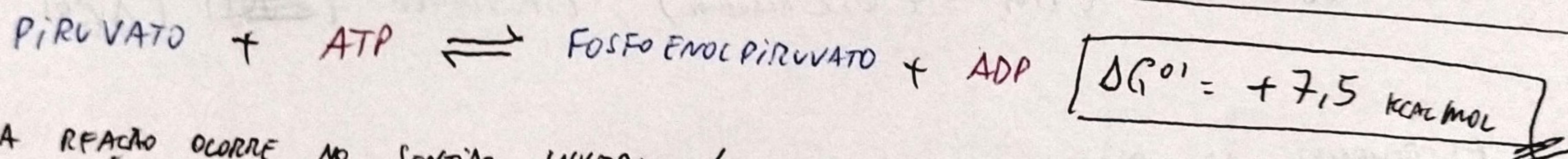
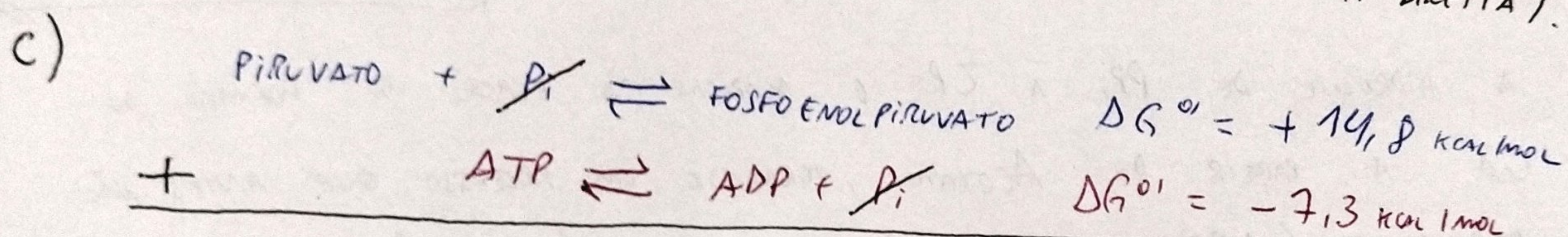
03. REAGENTES EQUIMOLARES $\Rightarrow$ CONDIÇÃO PADRÃO (ΔG°)



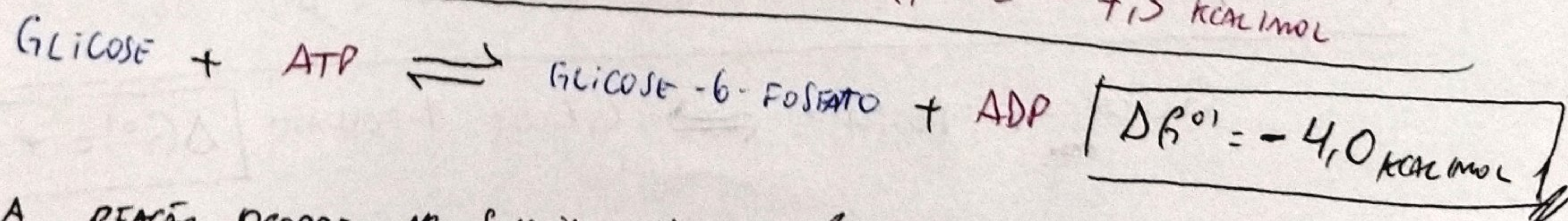
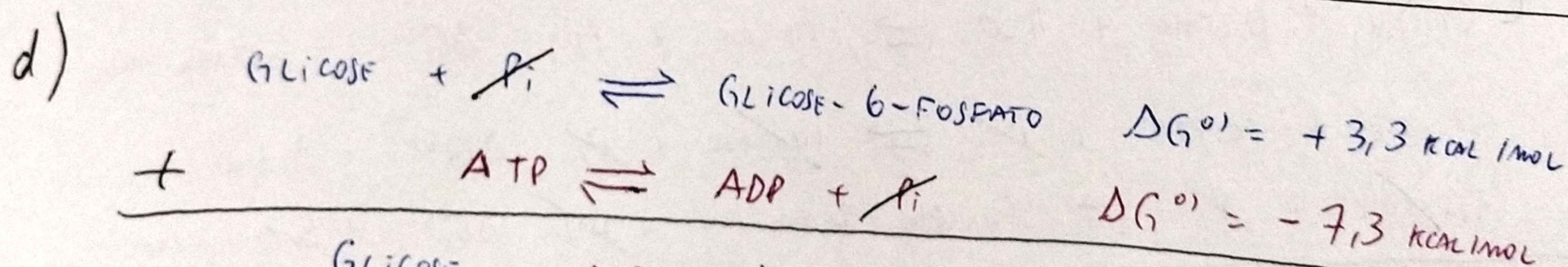
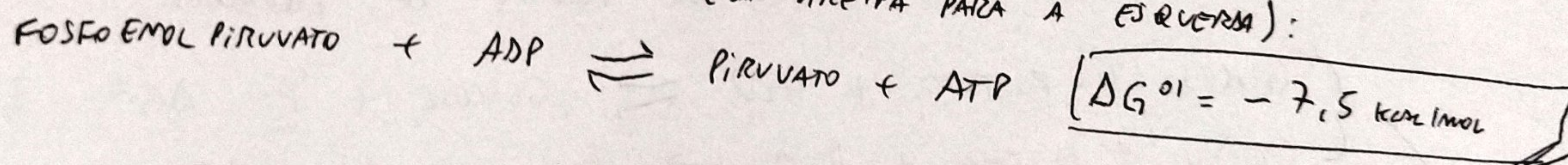
Logo, a reação ocorre no sentido INVERSO (para a esquerda):



Logo, a reação ocorre no sentido DIRETO (da esquerda para a direita).



Logo, a reação ocorre no sentido INVERSO (da direita para a esquerda):



Logo, a reação ocorre no sentido DIRETO (da esquerda para a direita)