

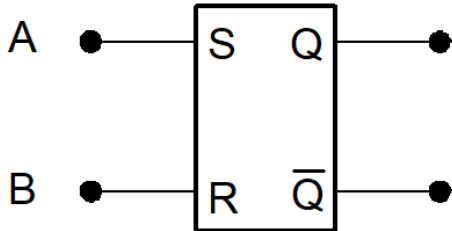
Aluno(a): _____

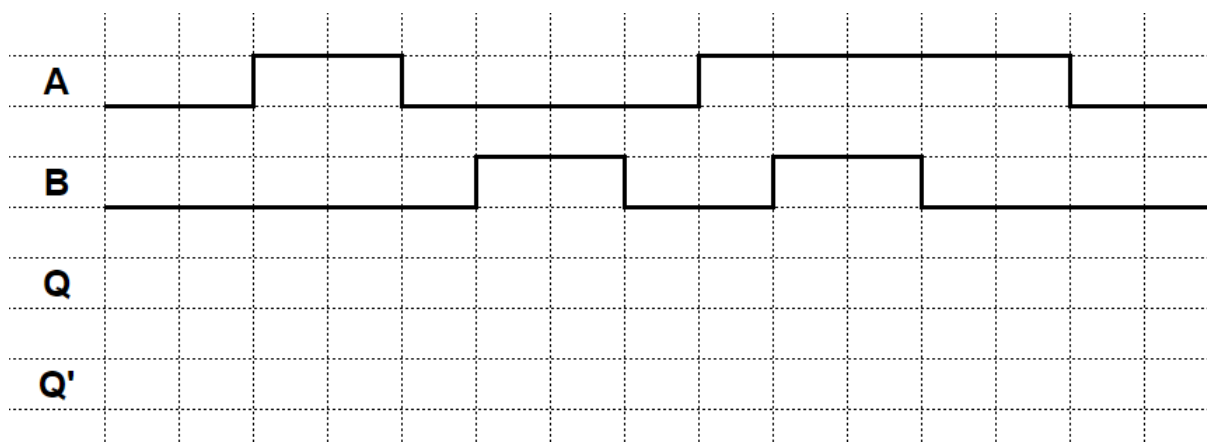
Exercícios iniciais de Latch

- 1) Para cada LATCH tipo SR, levante a Tabela Verdade e faça o diagrama de tempo para as saídas indicadas.

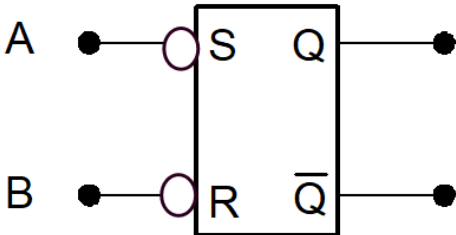
IMPORTANTE: CONSIDERE INICIALMENTE $Q = 0$ (zero).

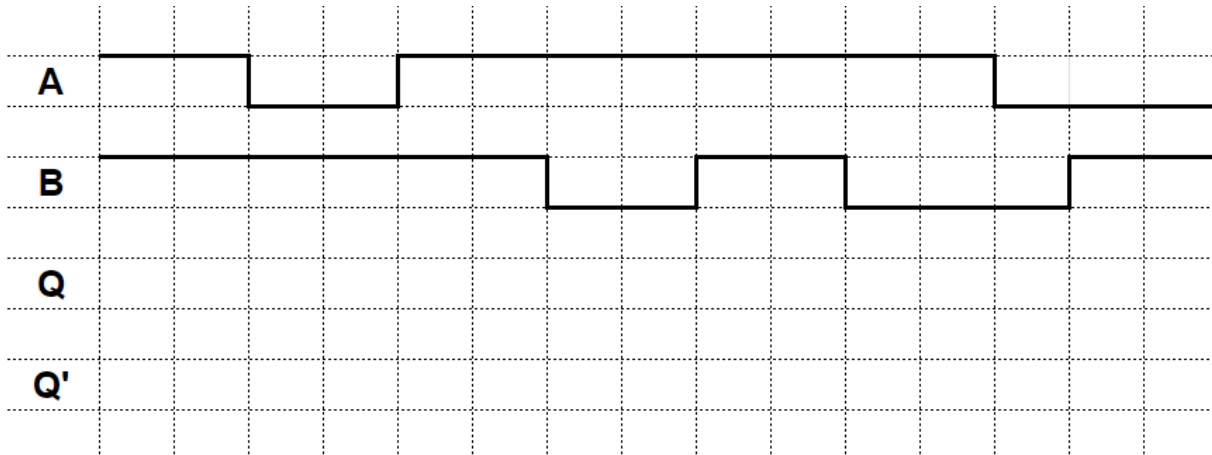
a)

| Simbologia (a) | Tabela Verdade (a) | | | | | | | | | | | | | | | | | | | | |
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|  | <table><tr><th>S</th><th>R</th><th>Q</th><th>\overline{Q}</th></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table> | S | R | Q | \overline{Q} | | | | | | | | | | | | | | | | |
| S | R | Q | \overline{Q} | | | | | | | | | | | | | | | | | | |
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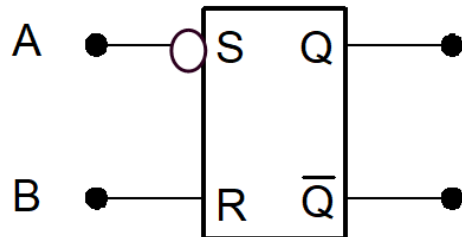


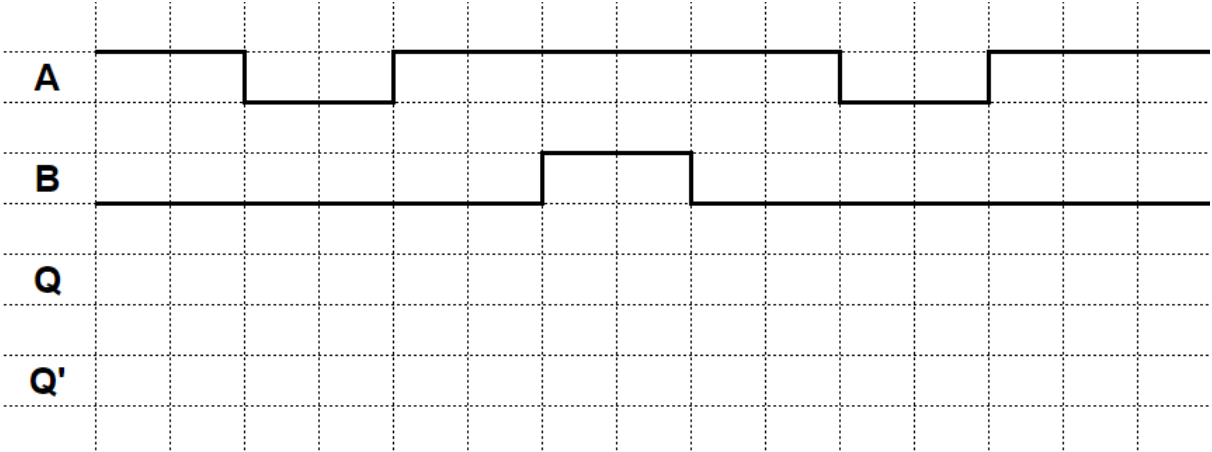
b)

| Simbologia (b) | Tabela Verdade (b) | | | | | | | | | | | | | | | | | | | | |
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|  | <table><tr><th>S</th><th>R</th><th>Q</th><th>\overline{Q}</th></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table> | S | R | Q | \overline{Q} | | | | | | | | | | | | | | | | |
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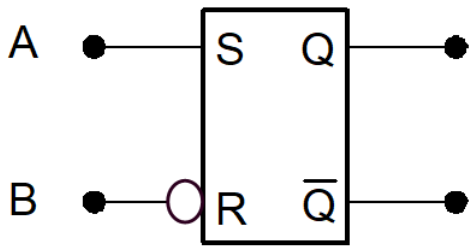


c)

| Simbologia (c) | Tabela Verdade (c) | | | | | | | | | | | | | | | | | | | | |
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|  | <table><tr><th>S</th><th>R</th><th>Q</th><th>\overline{Q}</th></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table> | S | R | Q | \overline{Q} | | | | | | | | | | | | | | | | |
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d)

| Simbologia (d) | Tabela Verdade (d) | | | | | | | | | | | | | | | | | | | | |
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