

Lian Maher

Quiz 2 FA

Q1) $M = (Q, \Sigma, \delta, q_0, F)$

$Q = \{q_1, q_2, q_3\}$

$\Sigma = \{a, b\}$

$\delta =$

	a	b
q_1	q_1	q_2
q_2	q_1	q_3
q_3	q_1	q_3

$q_0 = q_1$

$F = \{q_1, q_3\}$

Q2) $M = (Q, \Sigma, \delta, q_0, F)$

$Q = \{q_0, q_1, q_2\}$

$\Sigma = \{a, b\}$

$\delta =$

	a	b
q_0	q_1	q_2
q_1	q_0	q_2
q_2	q_2	q_1

$q_0 = q_0$

$F = \{q_2\}$