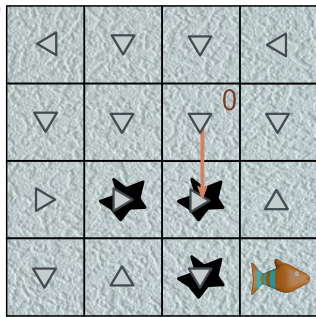
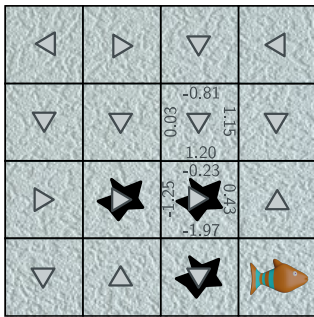


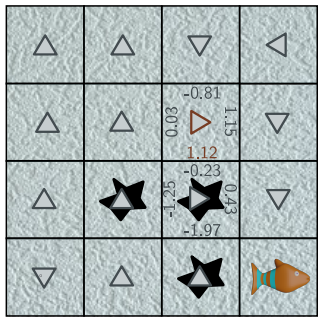
a)



b)



c)



$$q[s_t, a_t] \leftarrow q[s_t, a_t] + \alpha \left(r[s_t, a_t] + \gamma \cdot \max_a [q[s_{t+1}, a]] - q[s_t, a_t] \right)$$

$$1.12 \leftarrow 1.20 + 0.1 \left(0.0 + 0.9 \cdot \max[-0.23, 0.43, -1.97, -1.25] - 1.20 \right)$$