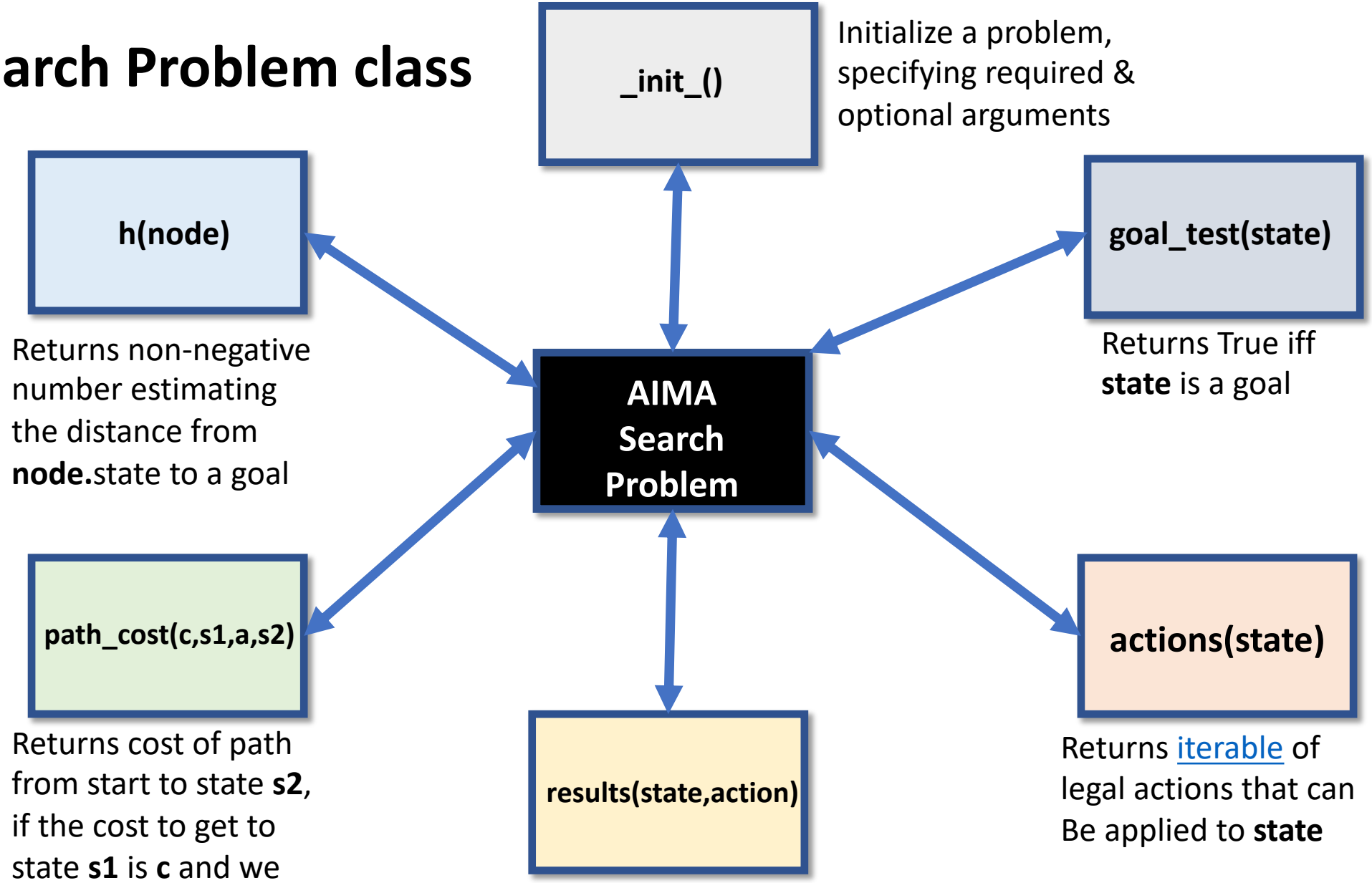
AIMA search Problem class



all methods also take self as an initial arg