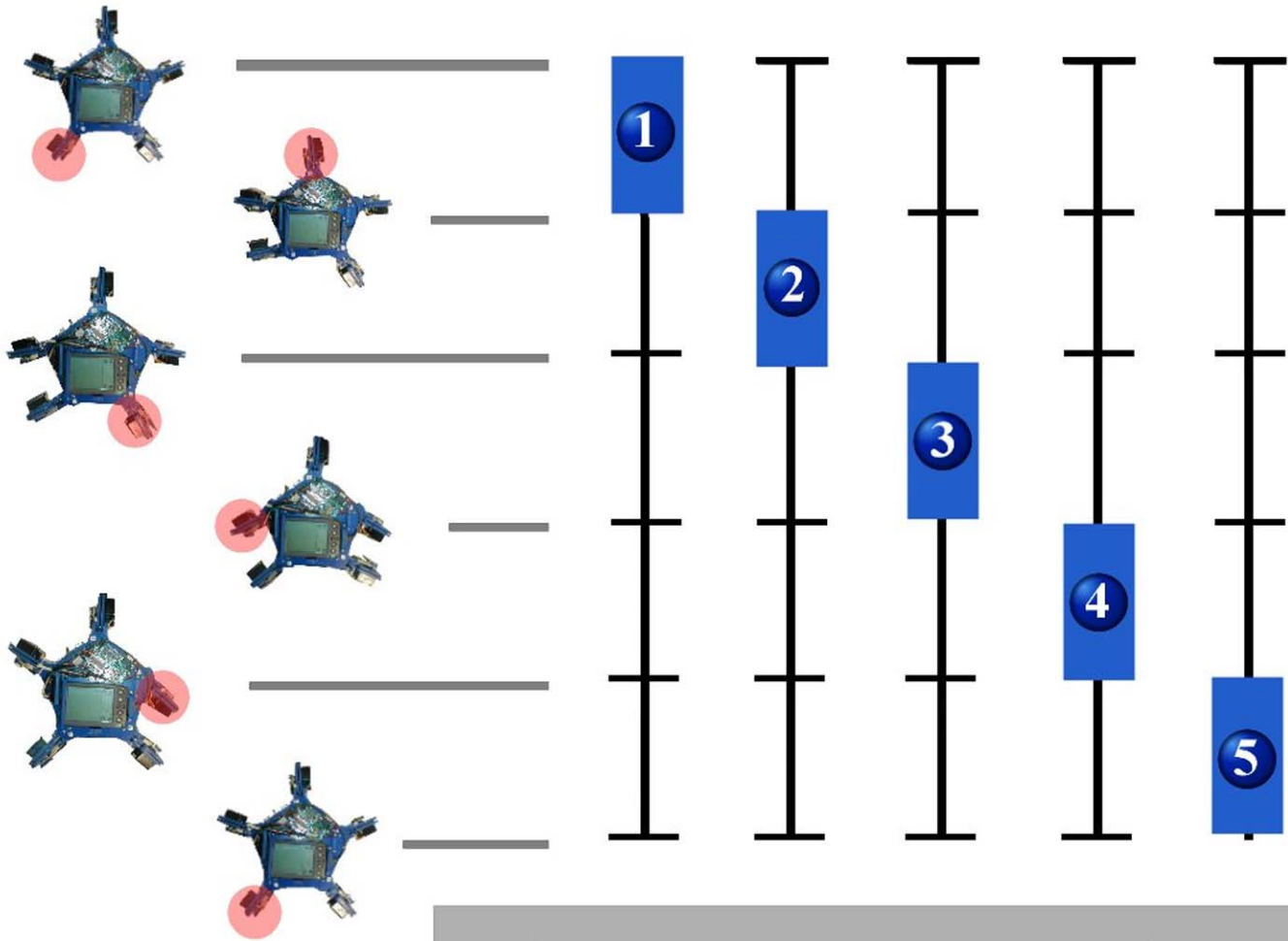
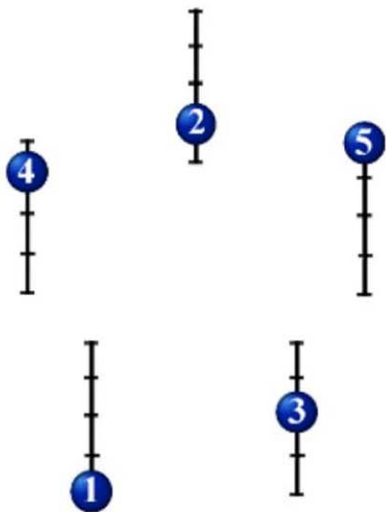


These diagrams show one cycle of the robot's gait. For the robot to walk continually the gait is repeated.



Walk Forward



1-5 Represents the order in which the legs take a step.



- Represents one of the robot's legs taking a step.



- Represents one of the robot's legs sweeping to the end of the legs travel.



- Represents the starting position of each leg at the beginning of the gait.



- Represents a leg before it takes a step.

By using this type of gait the robot can always have two legs taking steps in succession while having the robot's center of mass supported by the other legs. These legs form a tripod which keeps the robot stable.