

# State Diagrams

## Part a: Introduction

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- Trace walks in a state diagram.
- Define a deterministic state diagram.

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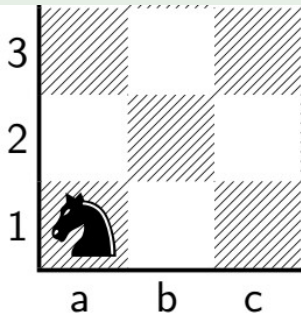
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## Example 1: Washing Machine

# State diagrams represent discrete systems.

## Example 2: Knight on $3 \times 3$ Chess Board



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## Example 3: Garage Door Keypad

# Recap: Learning Objectives

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