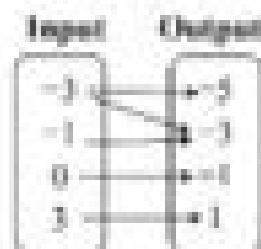
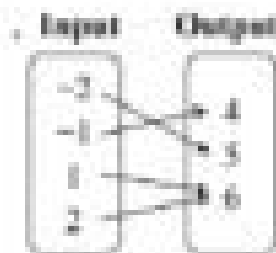


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7.1 Relations and Functions

11. List the ordered pairs shown in the mapping diagram and state whether the relation is a function.



Relations and Mapping Diagrams

- Ordered Pairs can be used to show inputs and outputs.
- A relation **pairs** inputs with outputs.
- A relation can be represented by ordered pairs or a mapping diagram.

Ordered Pairs

(0, 1)
(1, 2)
(2, 4)

Mapping Diagram



A relation that pairs each input with **EXACTLY ONE** output is a **function**.

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JE Gale



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