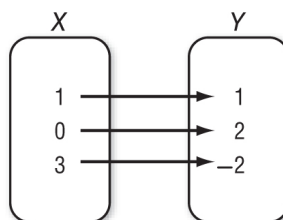# 1-6 Notes: Relations
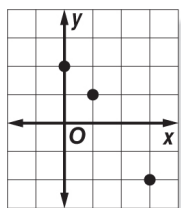
Relation –

Example: a. Express the relation {(1, 1), (0, 2), (3, –2)} as a table, a graph, and a mapping.
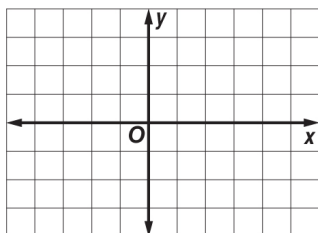
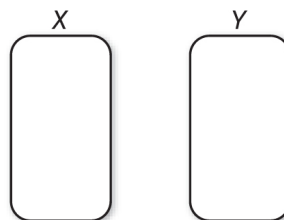| x	y
1	1
0	2
3	–2

b. Determine the domain and the range of the relation.

Exercises

1A. Express the relation {(–2, –1), (3, 3), (4, 3)} as a table, a graph, and a mapping.

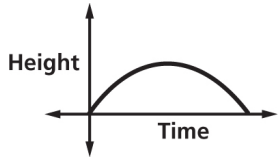
x	y

1B. Determine the domain and the range of the relation.

Graphs of a Relation

Example 1: The graph below represents the height of a football after it is kicked downfield. Identify the independent and the dependent variable for the relation. Then describe what happens in the graph.

Example 2: The graph below represents the price of stock over time. Identify the independent and dependent variable for the relation. Then describe what happens in the graph.