Domain & Range

The set of all first members of the ordered pairs is called the DOMAIN of the relation. The second numbers are called the RANGE of the relation.

Use brackets { } to when representing. It's customary to list them from small to large

Write the Domain of (2, 3), (3,5), (6, 8), (10, 2)

$$\{2, 3, 6, 10\}$$

Write the Range of (2, 7), (3, 10), (4, 13), (5, 16)

$$\{7, 10, 13, 16\}$$

Restrictions on the Domain Occur Naturally

If each drink costs $0.50, it would not make sense to find the cost of −2 drinks.