

A **relation** is pairing of **input values** with corresponding **output values**

Personal **time studying** and **test scores** for each unit.

Domain	Time (min)	30	20	65	20	90	Independent
Range	Test Score	85	82	93	88	97	Dependent

The **Domain** is the set of **input values**: {20, 30, 65, 90}

The **Range** is the set of **output values**: {82, 85, 88, 93, 97}

A **relation** is pairing of **input values** with corresponding **output values**

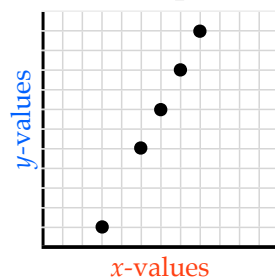
Personal **time studying** and **test scores** for each unit.

Domain	Time (min)	30	20	65	20	90	Independent
Range	Test Score	85	82	93	88	97	Dependent

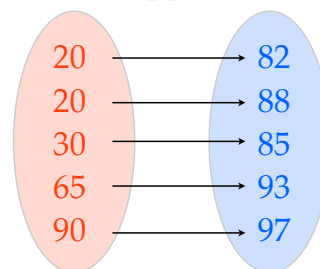
Ordered Pairs

(20,82)
(20,88)
(30,85)
(65,93)
(90,97)

Graph



Mapping



Table

Time	Score
20	82
20	88
30	85
65	93
90	97

Represent the following relation using a graph, mapping, and a table.

List the **domain** and **range** values.

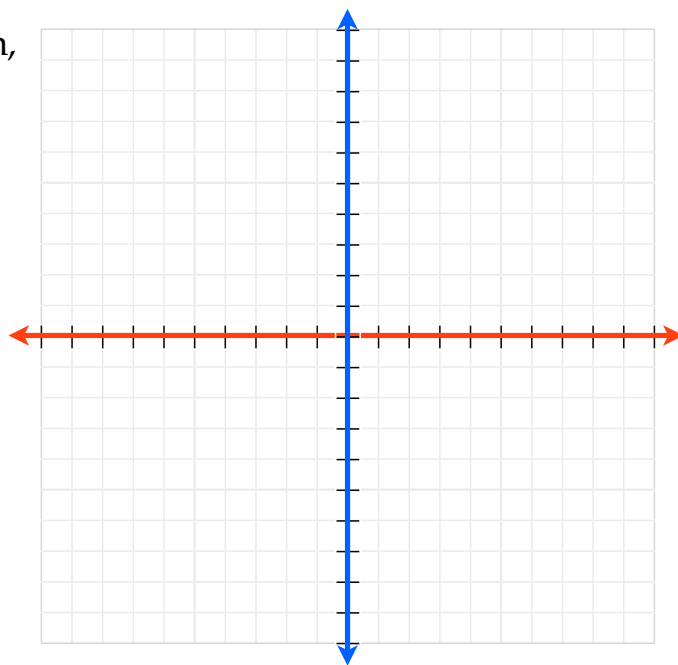
Ordered Pairs

$(-4, 6)$

$(-8, 4)$

$(0, -6)$

$(2, 6)$



Represent the following relation using a graph, mapping, and a table.

List the **domain** and **range** values.

Ordered Pairs

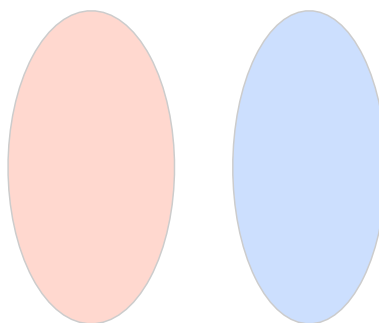
$(-4, 6)$

$(-8, 4)$

$(0, -6)$

$(2, 6)$

Mapping
No Repeated Values



Represent the following relation using a graph, mapping, and a table.

List the **domain** and **range** values.

Ordered Pairs

$(-4, 6)$

$(-8, 4)$

$(0, -6)$

$(2, 6)$

Table

x	y

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List the **domain** and **range** values.

Ordered Pairs

$(-4, 6)$

$(-8, 4)$

$(0, -6)$

$(2, 6)$

Domain

Range

A **relation** is pairing of **input values** with corresponding **output values**

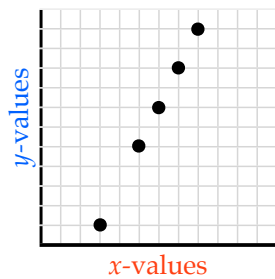
Personal **time studying** and **test scores** for each unit.

Domain	Time (min)	30	20	65	20	90	Independent
Range	Test Score	85	82	93	88	97	Dependent

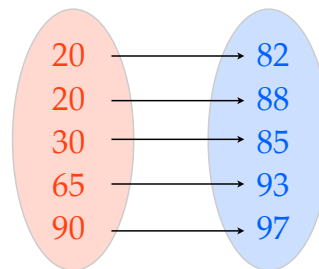
Ordered Pairs

(20,82)
(20,88)
(30,85)
(65,93)
(90,97)

Graph



Mapping



Table

Time	Score
20	82
20	88
30	85
65	93
90	97