Mappings



Types of Mappings



Functions

|  |  |  |
| --- | --- | --- |
| Type | Description | Example |
| Many-to-one Function |  |  |
| One-to-one Function |  |  |

Which of these are functions?



Domain and Range

Remember:

The **domain** is ……………………………………………………………………………………………………

The **range** is ……………………………………………………………………………………………………..

Using a sketch, try to identify the range of the following functions.

Further Example

Find the range of each of the following functions.

1. , domain
2. , domain
3. , domain }

State if the functions are one-to-one or many-to-one.