Table 1: Mapping Types

	1-to-1	Onto	$\deg a$	$\deg b$	$|A|$? $|B|$	Fig.
Not a function						1
Regular function			$=1$			2
Injective	✓		$=1$	≤ 1	$\leq$	3
Surjective		✓	$=1$	≥ 1	$\geq$	4
Bijective	✓	✓	$=1$	$=1$	$=$	5
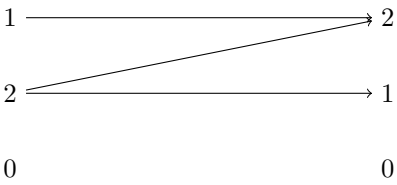
Figure 1: Not a Function

Figure 2: Function

1 $\longrightarrow$ 1

1   0

1 $\longrightarrow$ 1

1
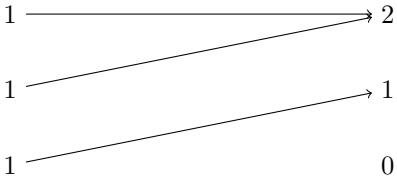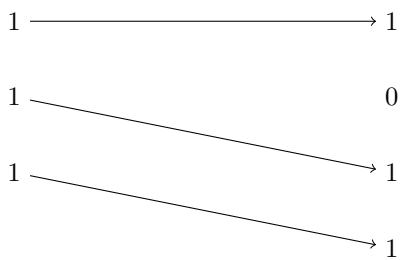
Figure 3: Injective Function

1 $\longrightarrow$ 2

1 $\longrightarrow$ 1

1
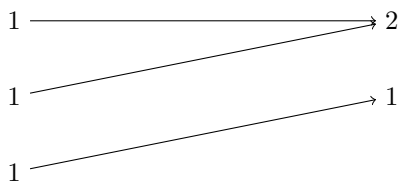
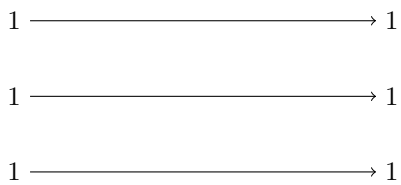Figure 4: Surjective Function

1 $\longrightarrow$ 1

1 $\longrightarrow$ 1

1 $\longrightarrow$ 1

Figure 5: Bijective Function