

Dla każdej tablicy prawdy:

- narysować tablicę Karnaugh'a – zaznaczyć grupy jedynek (implikanty proste) i napisać możliwie najprostsze równanie opisujące tablicę;
- narysować tablicę Karnaugh'a – zaznaczyć grupy zer (implikanty proste) oraz napisać możliwie najprostsze równanie opisujące tablicę;
- narysować schemat logiczny jednego z równań.

**Grupa 1 – Osoba 1**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	1	0	1	0	0	0	1	0	0
0	0	0	1	0	1	1	-	0	1	1	0	1	-
0	0	1	0	-	1	1	1	0	0	1	-	0	0
0	0	1	1	1	1	1	-	1	-	1	1	1	0
0	1	0	0	-	1	1	-	-	1	-	1	1	0
0	1	0	1	0	0	1	1	0	-	0	1	0	1
0	1	1	0	0	-	0	-	1	1	1	0	1	1
0	1	1	1	1	1	-	1	-	1	0	0	0	-
1	0	0	0	1	1	1	-	0	1	0	0	0	1
1	0	0	1	1	0	1	1	1	-	1	-	0	-
1	0	1	0	1	1	1	0	-	1	0	-	1	0
1	0	1	1	1	1	-	0	0	1	0	-	1	1
1	1	0	0	1	1	1	0	0	1	-	-	-	-
1	1	0	1	0	0	1	1	0	1	1	0	1	-
1	1	1	0	1	1	0	0	0	0	0	0	1	0
1	1	1	1	1	0	-	0	1	0	1	-	-	1

**Grupa 1 – Osoba 2**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	1	0	1	0	1	1	0	1
0	0	0	1	-	0	0	1	0	-	1	1	0	-
0	0	1	0	-	0	0	0	1	1	1	1	1	1
0	0	1	1	0	-	1	1	1	0	0	0	0	-
0	1	0	0	1	1	0	-	0	0	0	0	-	-
0	1	0	1	1	0	-	0	0	0	-	-	1	-
0	1	1	0	1	1	1	-	0	0	-	1	-	0
0	1	1	1	1	1	1	0	0	-	0	1	1	0
1	0	0	0	0	0	-	0	0	0	0	0	0	1
1	0	0	1	0	-	0	0	-	0	0	0	0	0
1	0	1	0	0	0	0	-	0	0	-	1	0	0
1	0	1	1	0	0	0	0	1	1	-	0	-	0
1	1	0	0	1	0	1	1	-	-	0	-	0	0
1	1	0	1	-	0	0	-	-	1	0	0	-	-
1	1	1	0	1	0	-	0	-	1	0	1	1	0
1	1	1	1	-	1	1	1	0	1	1	1	1	1

**Grupa 1 – Osoba 3**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	-	1	1	0	1	1	1	-	1	0
0	0	0	1	0	0	1	1	-	1	-	0	1	1
0	0	1	0	-	1	-	1	1	-	1	1	1	-
0	0	1	1	-	1	1	-	1	-	0	1	0	0
0	1	0	0	1	1	0	-	0	-	-	0	1	1
0	1	0	1	0	1	-	1	-	1	0	1	-	1
0	1	1	0	-	1	0	0	0	0	0	1	0	0
0	1	1	1	0	1	-	-	-	1	0	1	0	0
1	0	0	0	-	1	-	1	0	0	0	0	0	1
1	0	0	1	1	0	0	0	-	1	0	1	1	-
1	0	1	0	0	1	1	1	0	-	1	1	-	-
1	0	1	1	-	0	1	1	1	0	1	-	1	1
1	1	0	0	-	0	0	0	0	0	0	1	1	-
1	1	0	1	1	0	1	-	1	0	0	0	1	0
1	1	1	0	1	0	0	1	1	0	-	1	1	0
1	1	1	1	0	0	-	0	1	0	-	1	0	1

**Grupa 1 – Osoba 4**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	1	-	-	1	0	1	1	0	1
0	0	0	1	0	1	0	0	-	0	0	-	0	-
0	0	1	0	-	0	0	1	1	-	-	1	1	1
0	0	1	1	0	0	0	0	-	1	-	0	0	-
0	1	0	0	-	0	1	0	-	0	1	-	-	0
0	1	0	1	0	-	0	0	0	0	-	0	1	1
0	1	1	0	1	0	1	1	0	1	0	1	1	0
0	1	1	1	-	0	1	1	1	1	0	1	1	1
1	0	0	0	1	0	1	1	1	0	-	0	0	1
1	0	0	1	-	0	1	0	1	0	0	1	1	-
1	0	1	0	1	1	-	1	1	1	-	1	1	-
1	0	1	1	0	1	0	1	0	-	0	-	0	0
1	1	0	0	0	0	0	1	0	1	0	-	0	0
1	1	0	1	-	-	0	1	1	1	1	-	0	1
1	1	1	0	0	-	0	0	-	1	0	1	0	1
1	1	1	1	-	1	0	1	-	-	0	1	0	-

**Grupa 1 – Osoba 5**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	1	1	0	-	0	0	-	0
0	0	0	1	-	1	-	1	1	0	-	1	1	0
0	0	1	0	1	1	0	0	0	0	1	0	0	1
0	0	1	1	0	-	1	1	1	0	0	0	1	0
0	1	0	0	0	1	1	0	1	0	0	1	1	1
0	1	0	1	1	0	0	0	0	0	1	1	0	1
0	1	1	0	1	0	-	1	-	-	-	-	1	1
0	1	1	1	1	0	1	0	1	1	0	0	0	-
1	0	0	0	1	1	1	0	1	-	1	0	1	1
1	0	0	1	-	1	1	0	0	1	0	0	1	0
1	0	1	0	0	-	0	1	-	0	0	1	-	0
1	0	1	1	0	1	0	0	0	1	0	0	0	0
1	1	0	0	1	1	-	-	1	1	-	0	1	0
1	1	0	1	0	1	0	-	-	0	-	0	0	0
1	1	1	0	0	1	0	-	-	-	-	1	1	-
1	1	1	1	-	1	1	1	0	0	0	1	0	1

**Grupa 1 – Osoba 6**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	1	0	1	-	0	-	-	0	1
0	0	0	1	0	1	-	1	0	-	1	1	0	0
0	0	1	0	1	1	1	0	1	-	-	-	0	0
0	0	1	1	-	0	1	1	0	1	1	0	0	0
0	1	0	0	1	-	0	1	-	0	0	1	1	1
0	1	0	1	-	1	1	1	1	0	0	1	-	-
0	1	1	0	0	1	0	0	0	0	1	1	0	1
0	1	1	1	-	1	1	0	1	1	0	1	1	1
1	0	0	0	1	1	1	-	1	1	0	0	-	0
1	0	0	1	-	0	1	1	0	1	0	1	0	1
1	0	1	0	-	0	0	0	0	1	1	1	-	1
1	0	1	1	0	-	0	1	1	1	0	-	1	0
1	1	0	0	0	1	-	-	0	-	0	1	1	1
1	1	0	1	-	-	1	1	-	-	0	1	0	1
1	1	1	0	-	-	1	0	-	1	0	0	0	1
1	1	1	1	0	1	-	0	0	1	1	1	0	-

**Grupa 1 – Osoba 7**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	-	0	1	-	0	1	1	0	1	0
0	0	0	1	0	1	0	-	-	1	1	1	1	0
0	0	1	0	0	1	1	1	0	-	1	-	0	-
0	0	1	1	-	0	-	1	1	0	-	0	0	-
0	1	0	0	-	-	-	0	-	0	0	-	0	1
0	1	0	1	1	0	-	1	-	1	0	1	1	0
0	1	1	0	0	0	0	0	1	1	0	1	0	1
0	1	1	1	0	1	-	1	1	0	0	-	0	1
1	0	0	0	0	-	1	0	0	-	-	1	0	-
1	0	0	1	1	-	0	-	0	1	-	1	0	0
1	0	1	0	0	1	0	-	1	0	0	1	0	1
1	0	1	1	0	0	1	1	0	0	1	1	0	-
1	1	0	0	1	0	1	-	0	0	0	0	0	1
1	1	0	1	-	-	-	0	1	1	0	-	0	1
1	1	1	0	0	1	0	1	0	0	1	0	-	0
1	1	1	1	0	1	1	-	-	0	1	0	0	0

**Grupa 1 – Osoba 8**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	0	-	0	1	1	0	-	0	-
0	0	0	1	1	0	1	-	1	0	0	0	0	-
0	0	1	0	0	-	-	-	1	1	1	0	1	1
0	0	1	1	0	-	0	0	1	1	0	1	1	1
0	1	0	0	1	1	1	-	0	1	1	0	1	-
0	1	0	1	-	1	0	-	0	1	0	-	0	0
0	1	1	0	0	-	-	0	-	1	0	0	-	-
0	1	1	1	-	0	1	-	0	-	1	1	0	1
1	0	0	0	0	1	0	-	1	-	1	0	0	1
1	0	0	1	0	-	1	0	0	-	0	1	1	0
1	0	1	0	-	0	-	0	1	0	1	-	-	0
1	0	1	1	1	1	0	-	0	0	0	1	0	0
1	1	0	0	1	0	0	1	-	-	1	0	0	0
1	1	0	1	1	0	-	0	-	0	-	1	-	-
1	1	1	0	1	0	-	0	0	1	0	1	0	-
1	1	1	1	1	1	1	1	-	1	0	0	0	0

Grupa 1 – Osoba 9

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	-	0	0	-	1	1	0	0
0	0	0	1	1	1	1	0	0	1	0	1	-	1
0	0	1	0	-	0	1	1	-	0	1	-	0	0
0	0	1	1	0	1	0	1	1	0	-	0	1	0
0	1	0	0	1	0	0	0	1	0	0	0	-	-
0	1	0	1	1	0	1	0	1	0	-	0	0	-
0	1	1	0	-	1	-	0	1	0	1	0	0	0
0	1	1	1	0	0	-	1	1	0	0	1	0	1
1	0	0	0	0	1	-	1	1	-	-	1	1	1
1	0	0	1	0	-	1	1	0	0	1	1	-	-
1	0	1	0	0	0	1	1	-	0	-	1	1	1
1	0	1	1	-	1	0	-	-	0	0	1	-	1
1	1	0	0	0	1	1	0	1	1	1	0	1	1
1	1	0	1	0	0	0	1	0	1	0	1	1	0
1	1	1	0	-	1	0	1	1	0	-	-	1	0
1	1	1	1	1	0	1	0	1	0	0	0	1	1

Grupa 1 – Osoba 10

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	1	0	1	-	-	1	1	1	0
0	0	0	1	-	1	0	-	0	-	0	1	-	-
0	0	1	0	1	1	0	1	1	-	0	-	1	-
0	0	1	1	0	-	-	1	0	-	1	-	0	1
0	1	0	0	1	1	-	-	-	0	-	-	1	1
0	1	0	1	-	0	0	0	0	1	-	0	0	0
0	1	1	0	1	1	1	1	0	1	0	0	0	1
0	1	1	1	-	1	0	0	0	1	0	-	-	-
1	0	0	0	0	0	1	1	-	-	1	-	1	0
1	0	0	1	0	-	-	1	0	0	1	1	1	1
1	0	1	0	0	-	1	1	1	0	1	-	-	-
1	0	1	1	1	-	1	0	0	1	0	0	1	1
1	1	0	0	1	0	-	0	-	-	1	0	0	0
1	1	0	1	1	-	1	-	-	-	1	0	0	-
1	1	1	0	0	1	1	0	1	1	1	0	1	0
1	1	1	1	-	0	-	1	1	0	-	0	0	1

**Grupa 1 – Osoba 11**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	1	0	0	1	0	1	1	-	-
0	0	0	1	1	1	-	0	1	0	1	1	-	-
0	0	1	0	0	-	0	1	0	0	1	1	1	1
0	0	1	1	0	-	1	-	0	-	0	-	1	1
0	1	0	0	1	1	1	0	1	-	-	0	1	1
0	1	0	1	0	1	1	1	1	0	0	-	1	1
0	1	1	0	1	0	0	1	1	0	1	0	0	0
0	1	1	1	0	0	0	-	-	1	-	0	0	0
1	0	0	0	0	0	0	-	1	0	1	0	1	0
1	0	0	1	0	-	1	0	0	0	1	-	0	0
1	0	1	0	0	1	1	1	1	1	0	1	0	1
1	0	1	1	1	0	-	0	-	0	0	0	-	1
1	1	0	0	0	0	0	0	1	1	1	1	1	0
1	1	0	1	1	0	1	-	0	0	-	1	0	0
1	1	1	0	0	0	1	-	0	1	1	-	0	0
1	1	1	1	0	1	1	1	0	0	-	1	-	0

**Grupa 1 – Osoba 12**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	-	-	0	1	0	0	0	1
0	0	0	1	1	1	1	1	1	1	1	1	1	1
0	0	1	0	-	1	1	-	-	1	1	-	0	1
0	0	1	1	1	0	1	0	1	1	1	1	0	-
0	1	0	0	0	0	1	0	0	-	1	-	1	-
0	1	0	1	0	1	-	-	0	1	1	1	1	1
0	1	1	0	1	-	0	-	-	1	0	1	0	0
0	1	1	1	0	-	1	0	0	0	0	0	1	0
1	0	0	0	0	-	-	1	1	1	-	1	1	0
1	0	0	1	1	1	0	-	0	1	-	-	1	0
1	0	1	0	0	1	1	0	0	-	1	0	0	1
1	0	1	1	0	1	0	0	0	-	0	1	0	0
1	1	0	0	1	1	1	1	1	0	1	0	-	0
1	1	0	1	0	0	0	0	0	0	0	1	1	-
1	1	1	0	0	1	0	1	0	0	0	0	1	-
1	1	1	1	0	1	1	0	1	0	1	0	0	0

**Grupa 1 – Osoba 13**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	0	-	-	1	-	0	1	1
0	0	0	1	-	1	0	0	0	1	-	0	1	-
0	0	1	0	-	0	1	0	1	0	0	-	1	1
0	0	1	1	0	-	1	0	1	0	0	0	0	0
0	1	0	0	1	-	0	1	0	-	1	0	0	1
0	1	0	1	0	0	0	1	0	1	-	1	1	1
0	1	1	0	1	-	1	-	0	0	1	-	1	0
0	1	1	1	1	1	-	-	0	0	-	0	1	0
1	0	0	0	0	1	1	0	-	1	0	0	0	1
1	0	0	1	0	-	1	0	1	1	1	0	0	-
1	0	1	0	-	1	-	0	0	0	-	1	0	-
1	0	1	1	0	0	0	0	1	1	1	0	1	0
1	1	0	0	0	0	-	1	1	1	0	-	0	1
1	1	0	1	0	0	1	0	-	0	0	1	1	1
1	1	1	0	1	0	0	1	1	1	0	1	0	0
1	1	1	1	0	-	0	1	0	1	0	0	1	0

**Grupa 1 – Osoba 14**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	-	1	1	-	1	0	-	1	0
0	0	0	1	0	1	1	1	0	1	-	0	-	-
0	0	1	0	0	0	0	0	0	1	0	0	0	0
0	0	1	1	-	0	-	1	0	0	1	-	0	1
0	1	0	0	1	1	0	1	0	0	-	-	0	1
0	1	0	1	0	1	0	-	0	0	1	0	0	1
0	1	1	0	-	1	-	-	0	1	1	0	1	1
0	1	1	1	0	1	1	1	0	-	1	1	1	0
1	0	0	0	-	-	0	0	-	0	0	0	0	1
1	0	0	1	1	0	1	0	-	0	1	1	0	1
1	0	1	0	0	1	0	1	0	0	0	0	0	0
1	0	1	1	1	0	0	1	0	1	0	1	-	-
1	1	0	0	1	-	1	1	0	1	1	0	1	0
1	1	0	1	-	-	-	0	0	0	1	-	0	0
1	1	1	0	-	1	1	0	0	-	0	-	0	0
1	1	1	1	1	-	1	-	-	-	0	0	1	1

**Grupa 1 – Osoba 15**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	-	0	-	0	0	1	-	0
0	0	0	1	1	0	1	0	1	1	0	-	1	1
0	0	1	0	1	1	-	0	0	0	1	0	-	0
0	0	1	1	0	1	-	0	1	0	1	0	0	1
0	1	0	0	-	0	1	1	-	0	0	0	0	1
0	1	0	1	1	0	1	-	0	1	1	0	0	1
0	1	1	0	0	1	-	0	0	0	0	1	0	1
0	1	1	1	1	1	0	0	-	-	0	0	1	1
1	0	0	0	-	1	1	0	1	0	0	-	1	0
1	0	0	1	0	0	0	-	-	1	1	1	0	1
1	0	1	0	0	0	0	0	-	0	-	1	1	0
1	0	1	1	0	1	1	-	1	-	1	0	1	1
1	1	0	0	1	1	0	1	1	1	1	1	1	-
1	1	0	1	-	0	1	1	1	0	0	-	1	0
1	1	1	0	0	-	-	0	1	0	0	1	1	-
1	1	1	1	1	-	1	0	0	1	1	1	0	1

**Grupa 1 – Osoba 16**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	1	-	1	0	0	-	0	-	-
0	0	0	1	0	1	-	1	-	0	-	-	0	0
0	0	1	0	1	1	0	0	1	0	0	0	-	0
0	0	1	1	0	-	0	1	0	0	1	1	0	1
0	1	0	0	0	-	-	-	1	-	0	-	0	0
0	1	0	1	0	-	1	-	0	0	1	0	1	0
0	1	1	0	1	0	-	-	0	1	1	0	1	-
0	1	1	1	0	1	-	-	0	0	1	1	1	1
1	0	0	0	0	1	0	0	0	0	1	0	1	0
1	0	0	1	0	-	1	1	1	0	0	0	1	0
1	0	1	0	-	0	-	1	1	0	1	1	0	0
1	0	1	1	0	0	-	0	1	0	-	-	1	1
1	1	0	0	1	0	0	0	-	-	1	1	1	1
1	1	0	1	0	0	1	0	1	1	1	1	0	0
1	1	1	0	-	0	0	0	0	-	0	1	-	0
1	1	1	1	1	0	1	0	0	0	1	1	0	-



**Grupa 2 – Osoba 1**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	1	0	-	0	-	0	0	0
0	0	0	1	-	-	1	1	-	0	-	-	-	0
0	0	1	0	0	1	-	-	1	1	-	1	0	0
0	0	1	1	1	1	0	1	1	1	0	1	-	-
0	1	0	0	-	-	1	-	0	0	1	1	0	0
0	1	0	1	1	0	1	0	-	0	-	1	0	0
0	1	1	0	1	-	0	0	0	0	-	1	1	-
0	1	1	1	1	-	0	0	-	-	-	1	0	0
1	0	0	0	1	0	-	0	1	-	0	0	1	0
1	0	0	1	1	1	0	0	0	-	1	0	1	1
1	0	1	0	1	1	1	1	1	1	0	0	1	1
1	0	1	1	1	0	1	0	1	-	-	1	0	1
1	1	0	0	1	0	1	1	1	1	0	0	1	1
1	1	0	1	1	0	1	0	1	1	0	-	0	1
1	1	1	0	-	1	1	0	0	-	1	1	0	1
1	1	1	1	0	0	0	0	1	1	0	-	0	1

**Grupa 2 – Osoba 2**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	0	1	0	0	0	0	0	0	0
0	0	0	1	-	0	1	-	-	1	0	0	-	0
0	0	1	0	-	1	0	0	0	1	1	0	1	1
0	0	1	1	0	1	1	0	0	1	-	1	1	0
0	1	0	0	-	-	0	1	0	0	1	1	-	-
0	1	0	1	1	0	1	1	1	0	0	1	1	1
0	1	1	0	-	1	1	-	0	1	1	-	1	1
0	1	1	1	1	-	0	1	0	0	-	0	1	1
1	0	0	0	-	-	1	1	0	1	0	1	0	0
1	0	0	1	0	0	1	0	-	1	1	1	0	0
1	0	1	0	0	0	1	1	1	0	1	0	1	1
1	0	1	1	-	0	1	1	0	-	-	0	0	0
1	1	0	0	1	0	-	1	0	-	0	0	0	0
1	1	0	1	1	0	0	1	1	0	1	0	0	-
1	1	1	0	-	0	0	1	0	0	0	-	0	0
1	1	1	1	1	1	-	-	0	0	1	1	0	-

**Grupa 2 – Osoba 3**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	1	0	1	1	0	1	0	-	0
0	0	0	1	-	0	0	0	1	0	1	-	1	1
0	0	1	0	-	0	0	0	1	0	1	0	0	1
0	0	1	1	0	0	0	-	1	0	1	0	1	0
0	1	0	0	1	0	0	1	0	1	0	1	0	0
0	1	0	1	-	1	1	0	0	0	0	-	0	1
0	1	1	0	1	0	1	0	1	1	0	0	0	0
0	1	1	1	-	1	-	-	0	1	1	1	1	0
1	0	0	0	1	0	0	1	1	0	0	-	1	-
1	0	0	1	-	-	1	1	0	1	-	0	1	0
1	0	1	0	1	-	1	-	-	0	0	1	1	1
1	0	1	1	1	1	1	0	0	0	0	0	1	0
1	1	0	0	0	-	0	-	-	-	-	0	0	1
1	1	0	1	1	1	1	1	1	0	0	1	0	1
1	1	1	0	-	1	-	0	0	1	-	-	0	-
1	1	1	1	0	0	0	1	0	1	0	0	-	-

**Grupa 2 – Osoba 4**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	1	1	-	-	-	0	1	1	1
0	0	0	1	0	0	1	1	0	-	-	0	0	1
0	0	1	0	1	1	0	0	0	0	1	1	1	0
0	0	1	1	1	1	-	-	0	0	0	0	1	1
0	1	0	0	1	1	0	1	1	0	-	-	-	1
0	1	0	1	-	1	0	0	0	1	-	1	-	1
0	1	1	0	0	0	0	-	0	1	0	1	0	0
0	1	1	1	-	1	0	1	-	0	0	0	1	1
1	0	0	0	1	1	0	0	-	-	1	-	0	0
1	0	0	1	-	-	1	-	0	1	1	-	0	0
1	0	1	0	0	-	-	0	1	0	0	-	1	1
1	0	1	1	0	1	0	1	0	1	0	1	0	1
1	1	0	0	-	1	1	0	0	-	1	-	-	1
1	1	0	1	0	0	1	1	0	-	0	-	-	-
1	1	1	0	-	1	-	0	1	1	0	0	0	0
1	1	1	1	1	1	0	0	1	-	0	0	0	0

Grupa 2 – Osoba 5

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	0	-	0	-	1	0	1	-
0	0	0	1	0	0	0	-	0	-	1	0	1	0
0	0	1	0	1	1	0	0	0	-	1	0	1	-
0	0	1	1	0	0	-	0	-	0	-	-	1	0
0	1	0	0	0	1	0	1	-	-	0	1	0	1
0	1	0	1	1	0	0	0	0	1	0	-	0	1
0	1	1	0	0	1	-	0	0	-	1	0	1	1
0	1	1	1	-	1	1	0	-	1	1	1	1	0
1	0	0	0	1	1	0	0	0	0	0	-	1	1
1	0	0	1	-	0	1	1	0	1	1	1	-	1
1	0	1	0	1	0	0	0	1	-	0	-	1	1
1	0	1	1	1	1	0	0	1	1	1	1	1	1
1	1	0	0	1	0	1	-	1	1	0	0	0	1
1	1	0	1	0	0	-	1	0	1	0	-	-	-
1	1	1	0	-	-	-	1	0	1	0	0	1	1
1	1	1	1	1	0	1	0	1	-	1	1	1	0

Grupa 2 – Osoba 6

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	-	-	1	0	1	1	1	-	1	1
0	0	0	1	1	0	1	-	1	0	1	1	-	-
0	0	1	0	1	0	0	0	0	0	0	0	0	1
0	0	1	1	0	1	0	0	-	0	-	-	1	-
0	1	0	0	0	1	0	1	-	-	0	0	0	1
0	1	0	1	1	1	0	1	0	0	0	-	0	1
0	1	1	0	1	-	1	-	0	0	1	1	1	-
0	1	1	1	0	0	-	1	1	-	-	-	-	1
1	0	0	0	1	0	0	1	-	0	-	1	0	-
1	0	0	1	1	-	0	-	1	0	1	1	0	1
1	0	1	0	-	-	-	1	-	1	0	1	1	1
1	0	1	1	1	0	0	0	0	0	1	1	-	-
1	1	0	0	0	-	0	0	1	-	1	0	0	0
1	1	0	1	0	-	1	-	-	1	-	0	0	-
1	1	1	0	1	0	1	1	-	0	0	1	1	1
1	1	1	1	0	0	1	-	0	0	0	-	0	0

Grupa 2 – Osoba 7

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	1	0	0	0	-	0	0	1
0	0	0	1	0	1	1	0	1	0	1	0	1	1
0	0	1	0	0	-	1	0	0	0	1	-	0	-
0	0	1	1	1	1	-	0	0	0	0	1	0	0
0	1	0	0	1	0	-	1	1	-	1	1	0	0
0	1	0	1	1	1	1	-	1	1	0	1	0	0
0	1	1	0	0	1	1	0	0	-	1	1	1	1
0	1	1	1	-	1	0	1	0	0	-	1	0	1
1	0	0	0	0	1	0	1	-	-	-	1	1	0
1	0	0	1	1	-	1	1	1	1	0	1	0	0
1	0	1	0	1	-	1	0	1	0	1	-	0	1
1	0	1	1	1	1	1	1	0	1	1	-	0	1
1	1	0	0	0	0	-	1	0	-	-	1	0	-
1	1	0	1	1	1	0	0	1	0	0	1	0	0
1	1	1	0	1	0	-	-	1	0	0	0	0	1
1	1	1	1	1	1	-	1	-	-	0	0	1	1

Grupa 2 – Osoba 8

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	0	1	0	-	0	1	-	1	0
0	0	0	1	-	1	1	-	0	1	0	-	1	1
0	0	1	0	-	1	0	0	0	-	-	1	-	1
0	0	1	1	1	-	0	1	1	0	1	1	1	1
0	1	0	0	1	1	0	0	0	0	1	-	-	1
0	1	0	1	1	1	0	0	-	1	0	1	-	0
0	1	1	0	0	1	0	-	1	1	1	1	1	1
0	1	1	1	1	0	0	-	1	1	1	1	1	1
1	0	0	0	1	0	1	0	1	0	0	1	1	1
1	0	0	1	1	0	1	-	0	1	1	0	0	0
1	0	1	0	0	0	0	0	0	1	0	-	1	-
1	0	1	1	0	1	-	0	-	1	1	0	0	1
1	1	0	0	0	1	-	1	1	0	0	0	1	1
1	1	0	1	1	1	1	1	1	-	0	1	1	-
1	1	1	0	0	1	1	0	1	-	-	-	-	-
1	1	1	1	-	0	1	-	0	0	0	-	1	0

Grupa 2 – Osoba 9

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	0	-	0	1	0	1	-	-
0	0	0	1	1	-	1	0	1	0	1	1	1	-
0	0	1	0	1	1	0	1	-	0	1	-	0	0
0	0	1	1	-	1	1	-	-	0	1	0	0	1
0	1	0	0	1	-	1	0	0	1	0	1	0	-
0	1	0	1	1	1	1	0	1	1	0	1	1	0
0	1	1	0	-	1	-	1	1	0	1	1	-	-
0	1	1	1	0	-	-	1	0	-	0	0	-	0
1	0	0	0	1	1	-	1	1	0	0	0	1	-
1	0	0	1	0	0	1	0	0	1	1	1	0	0
1	0	1	0	0	1	0	1	1	-	0	-	0	0
1	0	1	1	0	0	0	1	1	1	0	1	0	-
1	1	0	0	-	0	0	0	0	0	-	1	1	0
1	1	0	1	1	1	-	1	1	0	-	1	1	1
1	1	1	0	-	0	1	1	-	0	1	0	0	-
1	1	1	1	0	-	0	0	1	-	0	0	0	0

Grupa 2 – Osoba 10

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	1	-	0	-	1	1	0	-	1
0	0	0	1	1	0	0	0	1	1	0	1	0	1
0	0	1	0	1	0	0	0	-	-	1	-	1	1
0	0	1	1	0	0	1	1	1	0	0	0	0	0
0	1	0	0	0	1	0	0	0	1	1	0	0	0
0	1	0	1	1	1	-	0	0	-	1	1	-	1
0	1	1	0	1	-	1	-	0	1	1	-	1	1
0	1	1	1	1	1	-	0	1	-	-	1	0	-
1	0	0	0	-	0	-	1	0	-	0	1	0	0
1	0	0	1	0	1	0	1	0	-	1	0	0	-
1	0	1	0	0	0	1	0	1	1	0	0	0	1
1	0	1	1	0	1	-	-	1	1	1	0	1	1
1	1	0	0	1	0	1	-	1	0	0	1	-	1
1	1	0	1	0	0	-	0	-	-	1	0	0	0
1	1	1	0	1	0	0	1	-	0	1	1	0	0
1	1	1	1	-	0	1	1	0	0	1	1	0	1

Grupa 2 – Osoba 11

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	1	0	0	0	1	1	-	0
0	0	0	1	1	0	1	0	1	0	0	1	0	1
0	0	1	0	1	-	1	-	-	0	0	1	0	1
0	0	1	1	1	-	1	1	0	0	0	-	0	0
0	1	0	0	1	0	1	1	0	0	1	0	0	0
0	1	0	1	0	0	1	1	1	0	1	-	1	1
0	1	1	0	1	0	1	0	1	0	1	1	1	0
0	1	1	1	1	1	0	-	1	0	-	-	-	1
1	0	0	0	0	1	-	0	0	1	-	1	0	1
1	0	0	1	0	0	0	0	0	1	0	0	-	0
1	0	1	0	1	0	1	0	0	-	0	0	-	-
1	0	1	1	0	1	-	1	0	1	1	0	1	0
1	1	0	0	-	-	1	1	0	-	1	0	0	1
1	1	0	1	0	0	0	0	1	1	1	-	1	1
1	1	1	0	0	-	1	1	1	1	1	-	0	1
1	1	1	1	0	1	1	-	0	-	0	0	1	-

Grupa 2 – Osoba 12

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	-	0	0	1	-	-	1	0	1
0	0	0	1	-	1	-	-	0	0	1	1	1	1
0	0	1	0	1	-	1	-	1	1	0	0	0	1
0	0	1	1	1	1	1	0	0	0	1	-	0	1
0	1	0	0	0	-	1	1	-	-	0	1	-	0
0	1	0	1	1	-	0	-	0	-	1	1	0	1
0	1	1	0	0	-	-	1	0	-	0	0	1	0
0	1	1	1	0	1	0	0	1	-	0	-	0	0
1	0	0	0	0	1	-	-	1	0	1	-	0	1
1	0	0	1	1	0	1	1	1	0	1	1	-	0
1	0	1	0	1	0	0	-	-	1	-	1	0	1
1	0	1	1	-	-	0	1	0	-	1	1	0	1
1	1	0	0	1	1	0	1	0	-	1	0	-	1
1	1	0	1	0	0	1	1	1	1	0	0	1	0
1	1	1	0	1	0	-	-	0	1	1	1	0	-
1	1	1	1	1	0	1	1	-	0	1	-	1	1

Grupa 2 – Osoba 13

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	-	1	0	-	-	0	0	1	0
0	0	0	1	1	-	0	0	0	1	-	0	0	1
0	0	1	0	1	1	0	1	-	0	1	0	1	1
0	0	1	1	-	-	1	1	1	1	0	0	-	1
0	1	0	0	1	1	-	1	-	1	1	1	1	0
0	1	0	1	-	0	0	0	1	0	0	-	1	1
0	1	1	0	1	1	0	1	1	0	-	1	1	-
0	1	1	1	1	1	0	1	0	0	0	1	0	1
1	0	0	0	1	0	-	1	0	1	0	1	1	1
1	0	0	1	-	0	0	1	0	1	0	1	0	1
1	0	1	0	0	1	-	0	1	0	1	1	0	0
1	0	1	1	1	0	-	1	1	1	0	1	1	-
1	1	0	0	1	1	-	1	0	1	1	0	1	1
1	1	0	1	-	-	1	1	0	0	1	1	0	1
1	1	1	0	0	-	1	0	1	1	1	0	0	-
1	1	1	1	1	-	1	-	0	1	1	-	1	1

Grupa 2 – Osoba 14

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	-	-	0	0	0	0	1	-	1	1
0	0	0	1	0	0	1	1	0	0	1	1	1	-
0	0	1	0	1	1	0	1	0	0	0	-	0	1
0	0	1	1	1	0	1	1	1	1	-	1	0	1
0	1	0	0	1	-	1	1	1	1	-	1	0	-
0	1	0	1	1	0	1	0	1	0	0	1	1	-
0	1	1	0	1	0	0	1	0	0	1	0	0	1
0	1	1	1	1	1	-	0	1	-	0	0	0	-
1	0	0	0	-	-	0	-	-	0	-	0	1	-
1	0	0	1	0	0	1	0	-	0	1	1	0	1
1	0	1	0	-	1	1	1	-	0	1	0	1	1
1	0	1	1	0	0	0	1	1	1	1	-	0	-
1	1	0	0	-	1	-	1	1	0	1	1	0	1
1	1	0	1	-	0	1	1	-	1	1	1	0	1
1	1	1	0	-	0	-	0	1	1	1	0	-	1
1	1	1	1	1	1	1	1	-	0	0	1	1	1

Grupa 2 – Osoba 15

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	-	0	1	1	1	-	1	1	0	0
0	0	0	1	0	0	0	1	0	0	0	-	-	-
0	0	1	0	0	0	0	1	0	0	1	1	0	-
0	0	1	1	0	1	1	0	0	-	0	1	1	-
0	1	0	0	0	1	0	1	1	0	1	0	-	1
0	1	0	1	-	-	0	0	1	1	1	0	1	0
0	1	1	0	0	0	0	1	-	1	0	-	1	-
0	1	1	1	-	0	-	0	1	1	-	1	1	1
1	0	0	0	0	0	0	0	0	1	-	0	1	1
1	0	0	1	0	0	-	0	0	1	0	1	-	1
1	0	1	0	0	1	0	0	0	1	0	1	-	1
1	0	1	1	0	-	1	0	1	0	1	1	0	1
1	1	0	0	-	0	0	1	1	0	0	-	0	-
1	1	0	1	0	0	-	1	0	0	1	1	1	1
1	1	1	0	1	1	1	-	0	1	1	0	-	-
1	1	1	1	-	1	-	1	-	0	1	-	1	0

Grupa 2 – Osoba 16

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	1	1	-	0	1	1	1	1	1
0	0	0	1	1	1	1	-	-	-	0	-	0	0
0	0	1	0	1	0	1	1	1	1	1	1	-	1
0	0	1	1	1	0	0	0	-	-	-	1	0	0
0	1	0	0	0	-	-	1	0	1	-	0	0	0
0	1	0	1	1	1	-	1	-	0	1	1	0	1
0	1	1	0	1	1	1	0	1	0	0	0	1	0
0	1	1	1	1	0	1	1	1	-	0	1	0	0
1	0	0	0	1	-	1	1	1	1	0	-	-	1
1	0	0	1	0	0	-	0	-	0	0	0	1	-
1	0	1	0	-	1	1	1	0	0	1	0	0	0
1	0	1	1	-	-	1	1	1	1	1	0	1	0
1	1	0	0	1	1	0	0	1	1	1	-	0	0
1	1	0	1	0	1	1	0	1	-	1	1	1	1
1	1	1	0	1	0	-	1	0	0	0	1	-	1
1	1	1	1	1	1	1	-	-	1	1	1	-	0



**Grupa 3 – Osoba 1**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	1	0	-	-	0	0	-	1	1
0	0	0	1	-	1	1	0	0	-	0	1	0	0
0	0	1	0	0	0	0	0	1	0	0	1	1	-
0	0	1	1	-	0	0	1	1	1	0	1	0	-
0	1	0	0	1	-	1	0	1	1	-	1	1	0
0	1	0	1	-	1	0	-	-	-	1	0	0	1
0	1	1	0	1	-	0	1	-	1	-	1	1	-
0	1	1	1	0	1	0	-	-	0	1	-	0	1
1	0	0	0	0	1	0	1	-	0	1	1	-	1
1	0	0	1	-	1	0	1	0	0	1	1	1	1
1	0	1	0	1	-	0	1	-	1	0	1	0	-
1	0	1	1	0	0	1	-	1	0	1	0	-	1
1	1	0	0	1	1	-	0	0	-	1	0	1	1
1	1	0	1	1	1	-	0	1	0	-	1	0	-
1	1	1	0	0	1	-	1	1	1	0	-	-	1
1	1	1	1	1	-	0	1	-	1	1	1	1	1

**Grupa 3 – Osoba 2**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	0	1	0	0	0	0	1	0	-
0	0	0	1	1	1	0	-	1	1	1	-	0	0
0	0	1	0	1	1	-	-	1	0	1	1	0	0
0	0	1	1	1	1	1	0	0	-	1	-	1	-
0	1	0	0	0	1	-	-	-	0	1	0	0	-
0	1	0	1	-	1	0	-	1	0	0	0	-	1
0	1	1	0	1	-	0	0	0	0	0	-	1	0
0	1	1	1	1	1	0	-	0	0	0	1	-	0
1	0	0	0	-	1	0	1	0	1	-	-	1	1
1	0	0	1	-	-	1	1	0	0	1	0	0	1
1	0	1	0	1	1	1	1	0	0	-	0	1	1
1	0	1	1	1	1	1	1	1	1	0	-	0	0
1	1	0	0	1	1	-	1	0	1	1	0	0	1
1	1	0	1	0	1	0	1	0	1	1	0	0	0
1	1	1	0	1	1	1	0	1	1	-	0	-	1
1	1	1	1	-	1	1	0	1	0	0	1	1	0

**Grupa 3 – Osoba 3**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	0	1	0	0	0	0	1	-
0	0	0	1	0	1	0	0	0	1	1	1	0	1
0	0	1	0	-	0	0	1	1	1	1	0	1	0
0	0	1	1	0	-	0	-	0	1	1	1	-	0
0	1	0	0	0	1	0	1	1	-	-	1	1	-
0	1	0	1	1	1	0	0	-	0	1	0	1	-
0	1	1	0	-	0	1	0	1	1	1	1	0	1
0	1	1	1	1	1	0	-	0	0	1	0	1	1
1	0	0	0	1	0	0	1	1	-	1	1	0	1
1	0	0	1	1	-	0	1	0	0	-	1	0	0
1	0	1	0	1	1	0	0	1	-	0	1	1	0
1	0	1	1	0	0	1	0	-	0	0	1	1	1
1	1	0	0	0	-	0	0	0	-	0	1	-	1
1	1	0	1	0	0	0	0	0	-	0	-	0	1
1	1	1	0	1	-	1	0	1	0	-	1	0	-
1	1	1	1	0	0	1	1	-	1	0	0	-	0

**Grupa 3 – Osoba 4**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	-	1	0	1	1	1	0	1	-	0
0	0	0	1	0	0	1	0	-	1	0	0	1	-
0	0	1	0	0	0	1	-	0	1	1	0	1	1
0	0	1	1	-	-	0	-	0	0	1	-	1	-
0	1	0	0	1	0	0	-	1	1	0	0	0	0
0	1	0	1	1	1	0	0	1	1	0	-	0	0
0	1	1	0	1	1	1	1	0	-	0	0	1	0
0	1	1	1	1	-	1	1	0	1	1	-	1	1
1	0	0	0	0	1	0	1	-	0	1	0	0	0
1	0	0	1	0	1	0	0	0	1	1	-	-	-
1	0	1	0	1	0	-	1	0	0	1	-	0	1
1	0	1	1	0	0	1	-	1	1	0	1	1	-
1	1	0	0	1	0	1	0	-	0	0	0	1	1
1	1	0	1	0	0	0	1	1	0	-	-	-	1
1	1	1	0	0	-	0	1	1	0	1	1	-	1
1	1	1	1	0	1	1	0	1	0	0	1	-	0

**Grupa 3 – Osoba 5**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	-	0	1	0	1	0	0	-
0	0	0	1	-	0	0	0	1	1	1	1	0	-
0	0	1	0	0	-	0	0	1	1	-	1	-	0
0	0	1	1	-	0	-	1	0	-	0	-	1	-
0	1	0	0	0	0	1	1	0	0	-	0	-	-
0	1	0	1	0	1	-	1	-	-	1	0	0	0
0	1	1	0	0	-	1	-	0	-	0	1	-	1
0	1	1	1	0	1	1	0	1	0	0	-	-	1
1	0	0	0	1	1	0	0	1	0	-	0	0	0
1	0	0	1	0	1	0	0	1	0	-	0	0	1
1	0	1	0	0	1	0	0	0	-	1	0	1	0
1	0	1	1	1	0	1	0	1	1	0	1	0	-
1	1	0	0	1	1	1	-	1	-	1	1	0	0
1	1	0	1	-	1	0	1	-	1	1	0	1	0
1	1	1	0	1	1	-	0	1	1	1	-	0	0
1	1	1	1	0	1	1	0	1	-	0	1	1	1

**Grupa 3 – Osoba 6**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	1	1	0	-	1	-	0	0	0
0	0	0	1	0	1	1	0	0	1	0	1	0	1
0	0	1	0	0	0	0	1	0	1	0	1	0	0
0	0	1	1	1	1	0	1	0	0	1	1	0	1
0	1	0	0	0	0	0	0	1	1	-	0	0	-
0	1	0	1	0	-	0	0	1	0	1	1	0	0
0	1	1	0	1	-	1	-	-	1	0	1	1	0
0	1	1	1	-	1	1	0	-	0	1	0	1	1
1	0	0	0	1	1	1	0	0	0	0	1	0	0
1	0	0	1	1	0	-	0	1	0	0	0	1	-
1	0	1	0	0	0	0	1	1	0	1	1	1	0
1	0	1	1	1	0	1	1	0	0	1	1	0	0
1	1	0	0	-	1	1	-	1	1	1	-	-	1
1	1	0	1	1	0	0	-	0	1	1	0	1	1
1	1	1	0	0	-	1	0	0	0	0	1	1	0
1	1	1	1	0	0	1	-	1	0	0	1	0	1

**Grupa 3 – Osoba 7**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	0	1	-	-	0	1	-	1
0	0	0	1	1	1	1	0	-	1	-	0	0	0
0	0	1	0	0	0	1	1	1	1	1	0	1	1
0	0	1	1	1	0	0	1	1	1	0	0	1	0
0	1	0	0	1	1	0	0	1	-	0	0	0	0
0	1	0	1	-	0	1	1	0	-	1	-	1	1
0	1	1	0	-	-	1	0	-	-	0	-	1	0
0	1	1	1	0	1	1	1	-	0	1	1	1	1
1	0	0	0	-	0	0	1	0	-	0	1	0	1
1	0	0	1	-	1	1	-	0	1	1	1	0	1
1	0	1	0	0	-	-	0	1	1	1	0	-	0
1	0	1	1	0	1	1	-	0	0	1	-	-	1
1	1	0	0	0	1	1	-	0	0	-	0	-	0
1	1	0	1	1	1	1	-	1	1	0	1	1	0
1	1	1	0	0	-	0	1	0	1	1	0	1	0
1	1	1	1	1	0	-	0	1	0	0	1	0	1

**Grupa 3 – Osoba 8**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	0	0	1	1	0	0	0	0
0	0	0	1	0	0	0	0	1	1	1	0	0	1
0	0	1	0	0	0	0	1	1	0	1	1	0	1
0	0	1	1	0	1	0	-	0	-	-	1	1	1
0	1	0	0	1	0	0	-	0	-	1	1	0	1
0	1	0	1	-	0	-	0	0	-	-	0	0	0
0	1	1	0	-	1	1	0	0	-	-	0	0	1
0	1	1	1	-	0	-	1	1	-	0	1	0	0
1	0	0	0	-	1	0	0	1	0	-	1	1	-
1	0	0	1	1	-	1	1	-	1	1	0	0	1
1	0	1	0	1	0	-	-	1	0	1	1	-	1
1	0	1	1	-	1	0	0	1	1	-	0	1	0
1	1	0	0	1	1	0	0	-	-	0	0	1	1
1	1	0	1	0	0	0	0	1	0	0	-	1	0
1	1	1	0	-	0	-	0	0	-	1	-	0	0
1	1	1	1	0	0	-	1	1	0	0	-	0	1

**Grupa 3 – Osoba 9**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	-	0	0	0	1	0	1	1	0
0	0	0	1	0	0	0	1	0	0	1	-	1	0
0	0	1	0	0	1	1	0	-	1	-	-	-	-
0	0	1	1	1	1	1	0	1	0	1	-	-	0
0	1	0	0	1	0	0	1	0	1	1	0	-	0
0	1	0	1	1	1	0	0	0	0	0	-	0	0
0	1	1	0	0	1	0	-	-	1	0	0	1	-
0	1	1	1	0	-	1	0	1	0	0	-	1	0
1	0	0	0	1	0	1	0	-	1	0	1	-	1
1	0	0	1	1	1	0	1	0	1	-	0	1	0
1	0	1	0	1	-	1	0	1	-	0	0	-	-
1	0	1	1	0	1	1	0	1	0	0	0	0	-
1	1	0	0	0	1	1	-	0	1	1	0	1	-
1	1	0	1	1	0	0	1	0	0	0	1	0	0
1	1	1	0	-	1	1	0	0	0	0	1	0	0
1	1	1	1	-	-	-	-	0	1	1	1	1	1

**Grupa 3 – Osoba 10**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	-	1	1	0	1	1	0	-	0	-
0	0	0	1	1	1	1	-	0	-	-	0	-	-
0	0	1	0	1	1	-	0	1	0	1	1	0	0
0	0	1	1	-	0	1	-	0	0	0	0	0	-
0	1	0	0	-	0	1	-	0	0	0	-	1	0
0	1	0	1	-	1	0	-	0	0	0	1	1	1
0	1	1	0	0	0	-	1	1	1	0	-	1	0
0	1	1	1	-	1	0	-	0	1	0	1	1	0
1	0	0	0	0	-	0	0	-	0	1	-	0	0
1	0	0	1	1	0	0	0	1	1	1	0	-	1
1	0	1	0	1	0	0	1	-	-	1	-	-	1
1	0	1	1	1	1	0	1	1	0	-	0	-	1
1	1	0	0	0	-	0	-	0	-	0	1	0	0
1	1	0	1	-	-	0	-	0	-	0	1	0	-
1	1	1	0	1	0	1	1	-	1	0	0	-	1
1	1	1	1	0	1	0	0	-	1	1	-	0	1

**Grupa 3 – Osoba 11**

x				a	b	c	d	e	f	g	h	i	j	
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>											
0	0	0	0	1	0	0	0	1	-	1	-	-	-	
0	0	0	1	0	-	0	1	0	0	1	0	0	-	
0	0	1	0	1	1	0	0	0	0	1	-	0	-	
0	0	1	1	1	-	-	0	1	1	-	1	1	1	
0	1	0	0	1	1	0	0	1	0	0	1	-	0	
0	1	0	1	0	0	1	0	1	0	1	1	0	0	
0	1	1	0	-	0	0	-	0	1	1	1	0	0	
0	1	1	1	1	0	1	1	1	1	-	1	1	1	
1	0	0	0	0	-	1	0	-	0	-	0	1	1	
1	0	0	1	1	0	-	1	0	0	0	0	1	1	
1	0	1	0	0	0	-	1	1	0	0	-	1	1	
1	0	1	1	1	1	-	-	1	0	1	0	-	1	0
1	1	0	0	0	0	0	1	0	1	0	0	1	0	0
1	1	0	1	0	0	1	-	1	1	1	1	-	0	1
1	1	1	0	1	0	-	1	-	1	0	1	1	1	0
1	1	1	1	-	0	-	1	0	1	0	0	0	0	1

**Grupa 3 – Osoba 12**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	1	0	-	0	1	1	0	-	0
0	0	0	1	-	0	0	1	1	1	0	0	1	1
0	0	1	0	1	1	-	1	0	0	0	0	0	0
0	0	1	1	0	1	0	1	-	1	0	0	1	0
0	1	0	0	-	0	1	1	0	-	0	0	1	1
0	1	0	1	-	0	1	0	1	0	1	1	0	1
0	1	1	0	0	1	0	1	0	0	-	1	1	1
0	1	1	1	1	0	1	0	1	0	1	0	0	-
1	0	0	0	0	-	1	0	1	0	0	0	0	0
1	0	0	1	0	1	1	0	1	1	1	-	0	1
1	0	1	0	1	-	1	-	0	0	1	0	-	-
1	0	1	1	1	1	0	-	1	0	1	0	1	0
1	1	0	0	1	0	1	0	1	1	0	1	-	0
1	1	0	1	1	-	1	0	0	0	0	1	-	1
1	1	1	0	0	1	0	1	1	0	0	-	1	-
1	1	1	1	0	1	1	1	1	0	0	1	1	1



**Grupa 3 – Osoba 15**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	1	0	-	0	-	1	1	1	-
0	0	0	1	0	1	0	0	1	0	0	0	0	1
0	0	1	0	0	-	0	-	0	0	-	0	1	0
0	0	1	1	-	1	1	0	0	1	0	1	1	1
0	1	0	0	1	0	1	1	0	0	1	-	0	1
0	1	0	1	-	1	0	-	-	1	0	0	0	0
0	1	1	0	1	1	1	0	0	1	-	1	0	1
0	1	1	1	0	-	-	1	0	0	0	1	0	0
1	0	0	0	0	0	-	0	1	0	0	1	0	-
1	0	0	1	0	1	0	1	0	1	-	-	-	1
1	0	1	0	1	0	0	1	1	-	1	1	-	1
1	0	1	1	-	-	0	0	-	1	-	0	0	-
1	1	0	0	1	0	0	0	0	0	1	-	1	1
1	1	0	1	0	1	0	0	1	0	1	-	0	-
1	1	1	0	-	0	0	0	1	0	0	1	-	1
1	1	1	1	1	-	-	0	1	1	1	1	1	1

**Grupa 3 – Osoba 16**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	-	0	1	-	-	1	1	1	0
0	0	0	1	0	0	0	1	1	1	1	0	0	-
0	0	1	0	0	0	-	-	1	1	-	-	-	1
0	0	1	1	1	0	-	-	0	1	-	1	1	0
0	1	0	0	0	1	1	1	0	1	1	0	0	0
0	1	0	1	1	-	1	0	1	0	0	1	-	-
0	1	1	0	1	-	1	-	0	-	0	0	0	0
0	1	1	1	1	-	-	1	1	-	0	1	0	0
1	0	0	0	-	0	0	1	0	0	0	0	0	1
1	0	0	1	1	1	1	-	0	0	1	1	0	1
1	0	1	0	1	1	0	-	1	-	1	1	1	0
1	0	1	1	0	1	-	1	1	-	0	1	1	0
1	1	0	0	0	0	0	1	0	1	0	1	0	0
1	1	0	1	-	0	1	1	0	1	1	0	-	0
1	1	1	0	1	0	0	1	0	0	0	1	1	0
1	1	1	1	-	0	0	0	0	1	0	1	0	0



**Grupa 4 – Osoba 1**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	1	1	-	0	-	0	1	0	0
0	0	0	1	-	1	-	1	-	1	1	1	1	-
0	0	1	0	1	-	0	0	0	0	-	0	1	1
0	0	1	1	1	0	1	0	0	1	0	0	0	1
0	1	0	0	1	0	0	0	1	1	0	1	1	1
0	1	0	1	-	1	1	0	-	0	0	1	1	1
0	1	1	0	1	0	1	1	0	1	0	0	1	0
0	1	1	1	1	0	-	0	1	0	0	-	1	0
1	0	0	0	-	0	1	1	1	0	0	0	1	1
1	0	0	1	1	-	1	-	1	0	0	-	1	0
1	0	1	0	0	0	0	-	0	1	1	1	-	1
1	0	1	1	0	0	-	0	-	1	1	-	1	-
1	1	0	0	-	0	-	0	1	0	0	0	-	0
1	1	0	1	1	-	0	0	0	1	0	-	-	-
1	1	1	0	1	1	0	-	1	1	-	-	1	1
1	1	1	1	1	0	1	1	1	1	-	1	1	1

**Grupa 4 – Osoba 2**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	-	0	0	1	-	0	-	0	1	0
0	0	0	1	1	0	0	1	-	0	0	1	0	0
0	0	1	0	0	0	0	-	1	0	1	0	1	0
0	0	1	1	0	-	-	1	-	0	1	-	0	1
0	1	0	0	0	0	-	0	0	0	-	0	-	1
0	1	0	1	-	1	1	0	1	-	-	1	0	0
0	1	1	0	0	0	0	1	1	0	1	-	0	0
0	1	1	1	0	0	0	1	-	-	0	0	1	1
1	0	0	0	-	0	-	0	0	1	1	1	0	1
1	0	0	1	0	0	0	0	0	1	1	0	1	1
1	0	1	0	0	0	1	1	0	0	0	0	0	0
1	0	1	1	1	1	-	0	1	1	0	0	1	1
1	1	0	0	1	-	1	0	-	0	1	-	0	0
1	1	0	1	1	0	-	1	-	-	-	-	1	0
1	1	1	0	0	0	0	-	0	0	1	1	1	0
1	1	1	1	1	1	-	1	-	0	0	1	0	0

**Grupa 4 – Osoba 3**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	-	0	-	0	0	0	1	1	0
0	0	0	1	0	0	-	1	1	0	1	1	-	-
0	0	1	0	1	1	0	1	1	1	1	0	-	0
0	0	1	1	0	-	0	0	0	1	1	0	0	1
0	1	0	0	-	0	1	0	-	0	1	1	0	1
0	1	0	1	1	-	0	1	0	1	1	0	1	-
0	1	1	0	0	1	1	1	-	0	0	0	1	0
0	1	1	1	0	-	1	0	0	-	0	-	0	0
1	0	0	0	1	0	1	1	0	1	0	0	1	-
1	0	0	1	0	0	0	1	1	1	1	0	1	-
1	0	1	0	-	1	1	1	1	1	-	1	1	0
1	0	1	1	0	1	0	1	0	1	1	0	0	1
1	1	0	0	1	0	1	0	1	1	-	1	0	1
1	1	0	1	1	0	1	0	1	0	1	1	1	-
1	1	1	0	0	-	-	0	-	1	-	1	1	-
1	1	1	1	1	-	1	0	1	-	0	0	1	1

**Grupa 4 – Osoba 4**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	1	0	-	-	1	1	1	1	0
0	0	0	1	0	1	0	1	1	1	1	0	0	1
0	0	1	0	-	1	-	-	0	0	1	0	0	1
0	0	1	1	1	0	1	0	0	0	0	-	0	1
0	1	0	0	0	1	0	-	-	-	1	1	-	0
0	1	0	1	1	1	0	0	0	0	0	1	0	-
0	1	1	0	0	0	0	0	0	1	0	1	1	0
0	1	1	1	1	1	1	-	-	0	0	0	0	0
1	0	0	0	0	-	-	0	0	1	1	0	-	0
1	0	0	1	0	1	0	-	1	1	0	1	0	0
1	0	1	0	-	0	0	0	1	1	0	-	0	0
1	0	1	1	0	-	0	1	0	-	1	1	1	1
1	1	0	0	1	1	0	-	0	0	0	1	1	0
1	1	0	1	1	1	1	-	0	1	0	1	0	0
1	1	1	0	-	-	-	1	0	-	0	0	1	0
1	1	1	1	0	-	0	1	-	-	0	0	0	0

Grupa 4 – Osoba 5

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	1	1	-	0	-	0	-	1	0
0	0	0	1	1	1	0	1	0	-	0	0	0	0
0	0	1	0	0	0	-	-	-	-	1	1	1	1
0	0	1	1	1	1	0	1	0	0	0	-	-	1
0	1	0	0	0	-	1	0	1	0	-	0	1	1
0	1	0	1	1	0	-	1	1	1	1	0	1	-
0	1	1	0	-	1	1	1	1	-	-	1	0	1
0	1	1	1	0	0	1	0	0	1	-	-	1	-
1	0	0	0	0	1	0	0	0	1	0	0	-	0
1	0	0	1	-	-	0	1	0	1	1	1	0	1
1	0	1	0	0	0	1	1	-	1	0	0	1	0
1	0	1	1	0	-	-	-	0	1	1	1	0	1
1	1	0	0	-	0	1	1	1	0	0	1	-	0
1	1	0	1	-	1	0	0	1	0	0	1	-	-
1	1	1	0	-	0	0	1	1	1	0	-	0	1
1	1	1	1	0	0	-	0	1	-	0	0	-	1

Grupa 4 – Osoba 6

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	-	1	1	0	1	0	-	1	1
0	0	0	1	0	0	-	1	0	-	1	-	0	1
0	0	1	0	1	0	-	0	1	-	-	1	1	0
0	0	1	1	1	0	-	1	0	1	-	0	1	1
0	1	0	0	1	-	1	1	0	1	0	-	0	-
0	1	0	1	0	1	1	0	1	1	-	1	0	0
0	1	1	0	0	0	0	-	0	0	0	-	0	-
0	1	1	1	0	0	1	0	-	1	1	-	0	1
1	0	0	0	0	-	0	0	1	1	1	1	0	-
1	0	0	1	-	-	0	0	0	0	1	1	0	1
1	0	1	0	0	-	-	1	0	1	-	-	0	1
1	0	1	1	-	0	0	0	1	1	1	0	0	1
1	1	0	0	-	0	1	0	1	1	1	0	1	1
1	1	0	1	-	1	0	0	0	1	0	1	0	0
1	1	1	0	-	-	0	1	1	0	-	1	0	1
1	1	1	1	0	1	1	0	0	1	1	1	1	1

**Grupa 4 – Osoba 7**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	1	0	-	1	-	1	1	1
0	0	0	1	1	1	1	0	0	1	1	0	0	1
0	0	1	0	0	0	0	0	-	0	0	-	0	-
0	0	1	1	0	1	0	0	-	1	1	0	0	1
0	1	0	0	1	1	1	1	-	1	1	0	0	0
0	1	0	1	0	0	0	0	1	1	0	-	0	-
0	1	1	0	1	1	0	-	0	1	0	0	0	-
0	1	1	1	1	0	1	0	1	-	0	-	1	0
1	0	0	0	0	0	1	0	-	1	1	0	1	1
1	0	0	1	0	0	0	1	0	1	-	1	0	0
1	0	1	0	-	1	0	1	0	0	0	1	0	-
1	0	1	1	0	1	-	0	1	1	-	-	0	0
1	1	0	0	1	-	0	0	-	0	-	-	1	1
1	1	0	1	0	1	0	1	0	-	1	0	-	0
1	1	1	0	0	0	-	0	1	0	0	1	1	0
1	1	1	1	1	0	0	1	-	1	1	1	0	0

**Grupa 4 – Osoba 8**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	0	1	1	0	1	1	1	1	1
0	0	0	1	1	-	-	0	1	0	1	0	-	0
0	0	1	0	1	0	-	0	1	0	1	1	0	1
0	0	1	1	0	1	1	-	1	1	0	1	1	0
0	1	0	0	1	1	-	0	1	0	0	1	0	1
0	1	0	1	1	-	0	1	-	-	-	0	0	-
0	1	1	0	1	0	0	1	1	0	1	-	-	1
0	1	1	1	1	-	-	1	-	-	0	1	1	0
1	0	0	0	1	1	1	-	-	0	1	1	0	0
1	0	0	1	0	0	0	0	0	0	0	1	1	0
1	0	1	0	0	0	1	0	-	0	0	1	1	1
1	0	1	1	0	0	1	1	1	0	1	-	-	1
1	1	0	0	1	-	1	0	0	0	0	0	1	0
1	1	0	1	1	0	-	1	-	0	1	1	1	1
1	1	1	0	0	0	-	0	-	-	0	0	-	1
1	1	1	1	1	0	1	0	0	-	-	0	-	-

Grupa 4 – Osoba 9

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	1	-	-	1	0	1	-	0	-
0	0	0	1	0	0	1	-	0	1	0	-	0	0
0	0	1	0	1	1	-	0	0	1	1	0	0	1
0	0	1	1	1	-	0	-	1	1	-	0	0	-
0	1	0	0	0	1	0	1	0	0	1	0	-	1
0	1	0	1	1	1	0	1	1	0	1	1	0	0
0	1	1	0	0	0	-	1	0	0	1	1	0	0
0	1	1	1	1	1	-	-	0	-	0	-	0	1
1	0	0	0	1	-	1	0	1	1	1	-	1	1
1	0	0	1	0	1	1	1	0	1	-	-	0	0
1	0	1	0	1	1	1	0	0	0	0	-	1	1
1	0	1	1	0	0	0	1	1	1	1	0	1	0
1	1	0	0	0	-	0	1	-	-	1	1	-	-
1	1	0	1	0	-	1	0	1	1	-	1	1	1
1	1	1	0	1	1	0	1	-	1	-	0	1	0
1	1	1	1	0	0	-	-	1	1	1	0	1	1

Grupa 4 – Osoba 10

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	-	0	0	1	1	-	1	0	1
0	0	0	1	0	0	0	0	0	0	1	1	1	-
0	0	1	0	1	-	-	-	0	-	-	0	1	1
0	0	1	1	1	1	1	1	1	-	0	0	1	1
0	1	0	0	-	0	1	1	0	0	0	0	-	1
0	1	0	1	1	-	1	1	0	-	0	-	1	-
0	1	1	0	1	0	0	-	-	-	1	1	0	0
0	1	1	1	0	1	-	-	-	1	0	0	0	0
1	0	0	0	1	-	-	0	0	0	0	1	-	1
1	0	0	1	1	0	1	0	0	0	-	1	-	-
1	0	1	0	1	-	1	-	0	-	1	0	0	-
1	0	1	1	0	1	1	0	-	0	0	0	0	-
1	1	0	0	0	-	1	0	-	-	1	0	-	0
1	1	0	1	1	-	1	-	1	-	1	-	1	-
1	1	1	0	1	1	-	-	-	0	0	1	0	1
1	1	1	1	0	-	0	0	0	1	0	1	1	1

Grupa 4 – Osoba 11

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	1	0	0	0	-	-	0	-	1
0	0	0	1	-	0	1	-	0	0	1	0	1	0
0	0	1	0	1	-	-	1	-	-	0	0	1	1
0	0	1	1	1	-	1	0	0	0	1	0	0	1
0	1	0	0	-	1	-	1	1	1	1	0	0	0
0	1	0	1	0	-	1	1	0	0	0	1	0	0
0	1	1	0	-	-	0	0	0	1	1	-	-	1
0	1	1	1	1	-	0	1	0	0	0	1	-	1
1	0	0	0	1	1	0	1	1	0	-	0	1	1
1	0	0	1	1	0	0	0	-	0	0	0	0	-
1	0	1	0	0	1	0	1	-	0	-	1	-	0
1	0	1	1	1	-	1	-	-	1	-	1	1	0
1	1	0	0	1	1	1	1	-	0	1	1	1	0
1	1	0	1	1	-	1	1	0	0	0	0	1	1
1	1	1	0	0	0	1	1	1	1	1	1	1	0
1	1	1	1	0	1	1	-	1	1	-	0	0	1

Grupa 4 – Osoba 12

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	1	1	1	-	0	0	0	1
0	0	0	1	-	0	-	1	-	0	-	1	1	1
0	0	1	0	1	1	0	1	0	0	1	0	-	1
0	0	1	1	1	0	1	0	1	1	-	0	1	0
0	1	0	0	1	0	0	1	-	0	1	-	-	0
0	1	0	1	-	0	0	1	1	0	0	1	1	1
0	1	1	0	0	1	0	0	0	1	0	-	0	1
0	1	1	1	1	-	-	0	0	1	0	0	0	0
1	0	0	0	0	1	-	0	0	0	1	1	1	1
1	0	0	1	0	0	0	1	0	0	0	0	0	1
1	0	1	0	-	1	-	0	0	-	-	1	0	1
1	0	1	1	0	1	1	0	0	-	1	1	0	-
1	1	0	0	1	0	1	1	1	1	0	1	1	-
1	1	0	1	0	0	0	0	1	-	1	-	-	1
1	1	1	0	0	0	1	0	0	0	0	1	1	1
1	1	1	1	0	1	0	1	1	1	1	-	0	0

**Grupa 4 – Osoba 13**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	-	0	1	1	0	-	1	-	1
0	0	0	1	0	1	1	-	-	1	1	-	-	0
0	0	1	0	-	1	-	1	0	1	1	0	0	0
0	0	1	1	0	0	0	1	1	1	0	1	-	0
0	1	0	0	1	1	1	-	1	-	1	-	1	1
0	1	0	1	0	1	-	1	1	1	0	0	0	0
0	1	1	0	1	1	0	-	0	-	1	0	0	0
0	1	1	1	0	1	0	0	1	-	1	1	0	1
1	0	0	0	1	-	0	1	0	-	0	1	1	0
1	0	0	1	1	0	0	1	0	1	0	0	0	1
1	0	1	0	1	0	1	0	-	1	-	1	-	1
1	0	1	1	0	1	0	1	1	0	1	-	-	0
1	1	0	0	1	0	0	1	0	0	1	1	1	0
1	1	0	1	0	0	1	0	0	1	1	1	0	1
1	1	1	0	1	0	0	0	-	-	-	1	1	0
1	1	1	1	-	0	0	0	0	1	1	1	1	-

**Grupa 4 – Osoba 14**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	-	0	1	1	0	1	0	0	0	-
0	0	0	1	0	0	1	1	0	-	1	-	0	1
0	0	1	0	0	-	0	-	1	0	1	-	0	0
0	0	1	1	-	1	0	0	-	0	1	1	1	1
0	1	0	0	1	-	0	1	1	0	1	1	1	0
0	1	0	1	0	0	-	0	1	1	0	0	0	1
0	1	1	0	1	0	0	1	-	0	1	-	0	1
0	1	1	1	0	1	1	-	1	-	1	-	1	0
1	0	0	0	-	-	0	1	0	-	0	-	1	-
1	0	0	1	1	0	0	1	1	0	-	1	1	-
1	0	1	0	-	1	1	-	1	0	0	0	1	1
1	0	1	1	1	-	1	1	0	-	1	0	1	0
1	1	0	0	0	-	-	-	0	0	1	0	0	0
1	1	0	1	-	1	-	1	0	0	0	1	1	0
1	1	1	0	1	-	-	0	-	0	0	0	0	1
1	1	1	1	0	-	0	-	1	-	0	1	-	1

Grupa 4 – Osoba 15

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	0	0	0	-	-	1	0	0	1
0	0	0	1	0	0	-	1	0	0	-	0	1	1
0	0	1	0	0	1	0	-	-	1	0	1	-	0
0	0	1	1	1	-	0	0	0	1	0	-	-	-
0	1	0	0	0	1	0	0	0	-	1	1	-	0
0	1	0	1	1	-	-	-	0	1	-	-	-	-
0	1	1	0	1	0	1	0	0	1	0	1	1	1
0	1	1	1	-	0	0	0	-	1	1	-	0	1
1	0	0	0	1	1	-	1	1	1	0	-	1	1
1	0	0	1	1	0	-	1	-	0	1	0	0	1
1	0	1	0	0	1	1	0	0	1	1	0	-	-
1	0	1	1	1	0	-	1	1	1	-	0	-	0
1	1	0	0	1	1	-	0	1	-	1	0	-	1
1	1	0	1	0	0	1	0	1	0	1	1	1	-
1	1	1	0	0	-	-	0	1	1	0	0	-	0
1	1	1	1	1	-	0	1	0	1	0	1	-	-

Grupa 4 – Osoba 16

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	-	0	1	0	-	-	0	-	0	1
0	0	0	1	1	1	1	-	0	1	-	1	1	0
0	0	1	0	0	1	-	0	-	0	-	1	-	1
0	0	1	1	1	1	0	1	1	-	-	1	1	0
0	1	0	0	0	0	0	1	1	1	1	1	-	1
0	1	0	1	1	-	1	0	-	1	0	1	0	1
0	1	1	0	1	0	1	0	1	-	0	0	0	1
0	1	1	1	0	-	1	-	1	1	-	-	-	1
1	0	0	0	1	1	0	1	1	0	0	-	0	0
1	0	0	1	1	1	0	0	-	0	0	0	0	0
1	0	1	0	1	0	-	-	1	0	0	-	0	-
1	0	1	1	0	0	1	1	-	1	0	0	-	1
1	1	0	0	0	0	0	1	1	1	0	0	-	0
1	1	0	1	1	1	1	0	0	1	0	1	0	-
1	1	1	0	1	0	0	1	1	-	0	-	0	-
1	1	1	1	-	0	1	1	1	0	1	1	1	1



**Grupa 5 – Osoba 1**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	1	1	0	1	0	1	0	0
0	0	0	1	-	1	0	0	1	1	0	0	0	0
0	0	1	0	0	1	0	1	1	0	0	-	0	0
0	0	1	1	1	0	-	0	0	1	1	1	0	1
0	1	0	0	1	1	1	0	0	0	0	0	0	0
0	1	0	1	1	0	1	0	0	-	0	-	0	1
0	1	1	0	1	0	0	1	-	0	-	0	0	-
0	1	1	1	1	0	-	1	0	0	0	0	0	1
1	0	0	0	0	1	1	0	1	0	0	-	1	1
1	0	0	1	0	1	0	0	1	-	0	1	-	0
1	0	1	0	1	1	-	1	1	0	1	1	-	1
1	0	1	1	1	1	-	-	1	0	1	0	0	-
1	1	0	0	1	-	1	-	0	1	0	1	0	0
1	1	0	1	0	1	0	0	0	1	0	1	0	1
1	1	1	0	1	1	1	0	-	-	0	0	0	0
1	1	1	1	0	1	1	-	-	0	1	0	0	1

**Grupa 5 – Osoba 2**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	0	1	1	1	0	0	0	0
0	0	0	1	1	-	-	0	0	-	0	1	0	1
0	0	1	0	1	1	0	-	1	0	0	-	-	0
0	0	1	1	0	0	0	0	0	1	0	0	0	-
0	1	0	0	0	0	0	0	1	1	1	0	1	-
0	1	0	1	0	0	0	1	-	1	1	-	1	0
0	1	1	0	0	0	-	-	-	1	-	1	1	1
0	1	1	1	0	-	-	1	1	1	0	0	0	0
1	0	0	0	0	0	0	1	1	-	0	-	1	1
1	0	0	1	0	0	1	1	-	1	0	1	0	0
1	0	1	0	1	0	-	1	0	1	0	1	-	1
1	0	1	1	1	1	-	1	1	0	-	1	-	1
1	1	0	0	1	0	0	0	0	-	-	-	0	1
1	1	0	1	1	0	1	1	0	0	0	0	1	-
1	1	1	0	1	1	0	1	1	1	0	-	0	0
1	1	1	1	0	0	-	0	-	1	-	-	0	1

Grupa 5 – Osoba 3

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	-	1	1	1	0	1	1	0	0
0	0	0	1	-	0	1	-	0	0	-	1	0	1
0	0	1	0	0	-	0	1	0	0	0	1	0	1
0	0	1	1	1	0	1	1	1	1	-	0	0	1
0	1	0	0	0	-	0	1	1	-	-	-	0	1
0	1	0	1	0	0	1	-	1	1	1	0	1	-
0	1	1	0	1	1	0	1	1	-	0	0	-	1
0	1	1	1	1	0	1	1	1	-	1	0	0	0
1	0	0	0	-	0	1	1	1	0	0	0	0	0
1	0	0	1	1	1	-	-	1	1	0	1	0	1
1	0	1	0	0	0	0	1	1	0	0	1	1	1
1	0	1	1	1	1	0	0	1	1	1	-	0	0
1	1	0	0	1	-	1	1	0	1	1	1	0	-
1	1	0	1	0	0	1	0	0	0	1	0	1	0
1	1	1	0	0	1	0	0	0	1	0	0	-	0
1	1	1	1	-	1	0	-	1	0	1	0	1	0

Grupa 5 – Osoba 4

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	1	0	0	-	-	1	0	0	0
0	0	0	1	0	0	1	0	-	-	1	1	1	1
0	0	1	0	1	0	-	-	1	0	1	0	1	0
0	0	1	1	0	0	0	1	-	1	1	1	1	0
0	1	0	0	1	0	0	1	1	0	1	1	0	0
0	1	0	1	1	0	0	0	1	0	0	0	1	-
0	1	1	0	0	-	0	0	0	0	0	0	-	0
0	1	1	1	-	-	-	1	0	0	1	1	0	-
1	0	0	0	1	-	0	1	0	0	0	1	1	0
1	0	0	1	0	1	1	0	-	1	1	1	1	-
1	0	1	0	1	0	1	-	1	-	-	1	0	0
1	0	1	1	0	-	0	1	1	0	0	0	1	-
1	1	0	0	1	1	1	1	-	1	1	0	0	0
1	1	0	1	1	0	1	1	1	1	0	1	0	0
1	1	1	0	0	-	-	-	0	0	0	1	0	0
1	1	1	1	1	1	0	1	1	1	1	1	-	-

Grupa 5 – Osoba 5

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	1	0	-	-	1	1	-	0
0	0	0	1	-	1	1	0	0	-	0	-	-	1
0	0	1	0	1	0	1	-	1	1	-	1	1	0
0	0	1	1	0	-	0	1	0	-	1	1	1	-
0	1	0	0	-	1	0	1	0	0	1	0	1	1
0	1	0	1	0	-	0	1	1	-	0	0	1	-
0	1	1	0	0	1	0	-	0	1	-	1	0	-
0	1	1	1	1	-	-	-	1	1	1	0	1	1
1	0	0	0	-	0	1	0	-	1	-	0	1	1
1	0	0	1	-	1	0	0	0	0	0	-	-	0
1	0	1	0	0	-	0	1	0	0	0	1	0	1
1	0	1	1	1	0	1	0	0	-	0	1	0	1
1	1	0	0	0	1	0	1	1	1	0	1	1	0
1	1	0	1	1	1	0	1	1	1	0	1	0	0
1	1	1	0	0	0	0	1	-	1	1	1	0	1
1	1	1	1	0	0	1	0	0	1	-	0	1	1

Grupa 5 – Osoba 6

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	0	1	1	-	1	1	0	-
0	0	0	1	1	1	1	0	-	0	1	1	1	1
0	0	1	0	1	0	0	1	-	-	0	0	-	0
0	0	1	1	0	0	-	-	1	0	1	0	1	0
0	1	0	0	-	0	1	1	-	1	1	0	0	-
0	1	0	1	-	-	-	1	1	0	0	1	1	1
0	1	1	0	1	1	0	0	0	1	0	1	0	1
0	1	1	1	1	-	-	0	1	1	1	1	1	0
1	0	0	0	0	0	0	1	1	0	-	0	0	-
1	0	0	1	0	1	0	1	1	0	0	1	-	0
1	0	1	0	0	0	1	1	1	-	1	0	0	0
1	0	1	1	0	-	1	1	1	0	1	1	1	1
1	1	0	0	1	0	0	0	-	1	-	1	-	0
1	1	0	1	0	-	1	0	1	-	0	-	0	0
1	1	1	0	0	0	1	-	1	0	0	0	0	-
1	1	1	1	1	1	0	0	-	1	0	1	0	1

Grupa 5 – Osoba 7

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	0	0	-	1	-	0	0	-	0
0	0	0	1	0	-	1	-	0	0	0	1	1	0
0	0	1	0	0	1	0	0	0	-	0	-	1	1
0	0	1	1	-	0	1	0	-	0	-	0	0	1
0	1	0	0	1	-	0	-	-	0	1	0	-	1
0	1	0	1	1	1	0	0	1	1	0	1	1	-
0	1	1	0	0	-	1	-	-	0	0	0	-	1
0	1	1	1	1	-	-	0	0	0	1	0	1	-
1	0	0	0	1	1	0	1	1	1	1	1	-	-
1	0	0	1	-	1	0	1	1	-	0	1	-	0
1	0	1	0	-	1	1	0	0	1	1	-	1	1
1	0	1	1	0	0	0	1	0	1	0	0	0	1
1	1	0	0	1	1	-	-	-	1	0	-	1	1
1	1	0	1	1	-	1	1	1	1	0	0	1	0
1	1	1	0	1	-	1	1	-	1	0	1	0	0
1	1	1	1	-	-	1	0	1	0	-	0	0	-

Grupa 5 – Osoba 8

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	1	1	-	0	-	0	-	0	0
0	0	0	1	1	0	1	0	1	1	0	0	1	0
0	0	1	0	0	0	0	0	0	-	1	0	0	1
0	0	1	1	1	0	0	1	0	0	1	0	1	1
0	1	0	0	0	1	0	-	1	1	1	0	1	0
0	1	0	1	0	1	0	1	-	1	0	0	0	1
0	1	1	0	0	1	-	-	0	0	-	-	0	0
0	1	1	1	0	1	1	1	0	1	0	1	0	-
1	0	0	0	1	0	0	1	-	-	-	0	0	-
1	0	0	1	1	0	0	1	0	0	-	1	-	0
1	0	1	0	1	-	-	-	-	-	0	1	-	1
1	0	1	1	-	1	0	-	1	1	-	0	1	0
1	1	0	0	1	-	-	-	-	0	1	1	1	0
1	1	0	1	0	1	1	0	0	0	1	1	1	1
1	1	1	0	0	1	-	-	0	-	0	1	0	1
1	1	1	1	-	1	-	0	1	1	1	-	-	-

Grupa 5 – Osoba 9

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	0	1	1	-	0	1	1	1	0
0	0	0	1	1	0	1	0	0	1	1	-	1	1
0	0	1	0	0	1	0	0	1	-	1	-	1	-
0	0	1	1	0	1	-	0	1	0	-	1	0	1
0	1	0	0	1	-	0	0	-	1	0	1	-	0
0	1	0	1	1	1	0	0	0	0	0	0	0	0
0	1	1	0	1	1	-	1	1	0	-	0	1	1
0	1	1	1	0	1	1	0	0	0	0	-	0	0
1	0	0	0	0	1	-	-	-	1	0	1	0	0
1	0	0	1	-	1	0	0	-	1	-	-	0	0
1	0	1	0	0	0	1	-	1	0	1	-	0	1
1	0	1	1	1	0	0	1	0	0	0	1	1	0
1	1	0	0	-	0	1	-	1	1	0	1	-	1
1	1	0	1	0	1	0	1	1	1	1	0	0	1
1	1	1	0	0	1	1	0	-	-	1	1	-	-
1	1	1	1	1	0	1	1	1	1	1	1	1	-

Grupa 5 – Osoba 10

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	0	1	0	1	0	0	0	0	1
0	0	0	1	1	-	0	0	0	1	1	-	1	0
0	0	1	0	0	1	1	0	1	1	1	1	-	0
0	0	1	1	-	1	-	1	0	1	0	1	0	1
0	1	0	0	-	0	0	-	-	-	-	0	0	0
0	1	0	1	0	1	1	0	1	1	0	-	0	1
0	1	1	0	-	0	-	0	0	0	1	0	0	1
0	1	1	1	0	1	1	0	0	1	1	-	0	1
1	0	0	0	0	1	1	1	-	1	0	1	-	1
1	0	0	1	1	0	0	1	0	0	1	1	1	0
1	0	1	0	0	1	1	-	0	-	1	0	0	1
1	0	1	1	0	1	1	1	0	0	0	1	1	1
1	1	0	0	1	0	-	-	0	0	1	1	-	0
1	1	0	1	0	1	0	0	1	0	1	0	1	1
1	1	1	0	0	0	0	0	-	1	1	1	1	1
1	1	1	1	0	-	-	1	1	1	0	0	0	0

Grupa 5 – Osoba 11

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	0	0	0	0	1	1	0	1
0	0	0	1	0	0	1	0	0	0	0	0	1	1
0	0	1	0	1	1	1	-	0	0	-	0	1	1
0	0	1	1	0	0	-	0	0	1	1	0	-	-
0	1	0	0	1	1	1	0	0	1	-	1	1	1
0	1	0	1	0	-	1	-	1	1	1	-	1	0
0	1	1	0	0	0	0	1	-	-	-	0	-	0
0	1	1	1	-	1	0	0	0	0	0	0	1	0
1	0	0	0	1	-	0	-	1	-	1	1	-	1
1	0	0	1	1	0	0	1	1	1	-	-	0	-
1	0	1	0	1	-	-	0	1	0	-	0	0	0
1	0	1	1	0	0	-	1	0	0	1	0	1	-
1	1	0	0	1	-	1	0	-	-	-	-	1	-
1	1	0	1	0	0	1	1	0	0	0	0	0	1
1	1	1	0	0	0	1	0	0	0	1	-	0	1
1	1	1	1	0	1	0	1	-	1	1	0	1	1

Grupa 5 – Osoba 12

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	1	0	0	1	1	-	1	0	1
0	0	0	1	1	-	1	1	0	1	1	1	0	0
0	0	1	0	1	0	1	1	1	0	1	0	1	-
0	0	1	1	-	1	0	1	0	1	-	1	1	1
0	1	0	0	-	0	0	0	-	1	1	0	0	0
0	1	0	1	-	-	0	1	0	1	0	-	0	0
0	1	1	0	1	0	0	0	-	0	1	-	1	-
0	1	1	1	0	0	0	-	-	0	-	0	1	1
1	0	0	0	0	0	1	0	-	0	-	-	0	0
1	0	0	1	0	0	0	0	1	-	-	1	1	-
1	0	1	0	0	0	1	1	0	0	1	-	1	0
1	0	1	1	1	1	-	1	1	0	-	1	0	1
1	1	0	0	0	0	0	0	0	1	1	1	0	-
1	1	0	1	1	0	0	0	1	1	0	1	1	0
1	1	1	0	0	0	-	1	0	1	0	0	1	0
1	1	1	1	0	-	1	0	1	0	1	0	-	1

Grupa 5 – Osoba 13

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	1	0	0	0	1	1	-	1	1
0	0	0	1	0	1	0	1	0	1	1	0	-	0
0	0	1	0	0	1	0	0	1	-	0	-	1	0
0	0	1	1	1	0	1	-	1	0	0	1	0	-
0	1	0	0	-	1	1	1	-	0	-	1	1	0
0	1	0	1	1	0	0	0	-	1	0	0	0	0
0	1	1	0	0	1	0	0	0	1	-	1	0	1
0	1	1	1	1	0	-	1	1	1	1	1	1	0
1	0	0	0	0	-	0	-	1	1	1	0	-	1
1	0	0	1	0	1	0	0	-	1	0	-	1	-
1	0	1	0	0	1	0	-	0	1	-	0	0	1
1	0	1	1	1	0	0	0	1	0	0	1	-	1
1	1	0	0	1	0	1	0	1	0	1	1	0	1
1	1	0	1	1	-	0	0	-	0	1	0	1	1
1	1	1	0	0	1	1	0	-	0	1	1	1	1
1	1	1	1	0	1	1	1	1	-	0	0	1	0

Grupa 5 – Osoba 14

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	-	-	1	-	-	1	1	0	1	0
0	0	0	1	1	-	-	0	0	1	1	1	0	0
0	0	1	0	-	1	-	1	0	1	0	1	-	0
0	0	1	1	1	-	1	1	0	-	0	1	-	-
0	1	0	0	1	-	1	1	0	0	1	-	1	1
0	1	0	1	0	1	1	0	1	1	-	1	0	0
0	1	1	0	1	-	-	0	1	-	-	-	0	0
0	1	1	1	1	0	1	1	0	1	-	0	1	0
1	0	0	0	1	0	-	0	0	0	1	0	-	0
1	0	0	1	1	0	0	1	1	1	0	-	-	1
1	0	1	0	1	0	1	1	1	1	0	1	1	0
1	0	1	1	1	0	-	-	1	1	0	0	1	1
1	1	0	0	0	0	0	0	1	0	0	1	1	-
1	1	0	1	1	0	-	0	0	0	0	0	0	1
1	1	1	0	-	0	1	0	-	0	-	0	-	1
1	1	1	1	1	0	1	0	1	1	1	0	0	-

Grupa 5 – Osoba 15

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	0	0	0	1	1	0	0	-	0
0	0	0	1	1	1	0	1	1	0	0	0	1	0
0	0	1	0	0	0	-	0	1	1	-	1	-	1
0	0	1	1	0	1	0	-	0	0	-	0	0	0
0	1	0	0	1	0	-	0	1	1	0	1	1	-
0	1	0	1	-	-	-	-	-	1	0	-	1	0
0	1	1	0	-	0	0	0	1	-	1	0	0	0
0	1	1	1	1	1	-	-	1	1	-	1	1	1
1	0	0	0	1	1	0	0	-	1	0	1	1	1
1	0	0	1	0	0	-	-	1	-	-	1	1	-
1	0	1	0	0	0	1	1	1	0	1	1	1	-
1	0	1	1	0	-	0	1	1	-	1	1	1	0
1	1	0	0	0	1	1	-	1	0	0	1	0	1
1	1	0	1	1	-	0	0	0	-	1	-	0	0
1	1	1	0	0	0	1	1	1	1	1	1	-	1
1	1	1	1	0	-	0	1	-	1	-	0	1	0

Grupa 5 – Osoba 16

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	-	1	1	0	-	-	1	0	1
0	0	0	1	1	1	-	1	0	0	1	1	1	0
0	0	1	0	1	0	1	0	0	0	1	1	1	1
0	0	1	1	-	1	1	-	0	1	1	0	-	0
0	1	0	0	0	0	0	1	-	-	-	1	1	1
0	1	0	1	0	0	0	-	1	1	1	0	1	0
0	1	1	0	0	0	-	1	0	1	1	1	0	-
0	1	1	1	0	1	0	0	1	1	0	-	1	0
1	0	0	0	-	0	1	1	1	0	0	-	-	0
1	0	0	1	0	1	-	-	0	0	0	1	0	0
1	0	1	0	1	0	1	0	0	-	0	0	1	0
1	0	1	1	0	0	0	1	0	0	1	1	1	1
1	1	0	0	0	1	0	-	-	1	0	1	1	1
1	1	0	1	0	1	0	0	0	0	0	1	1	0
1	1	1	0	1	0	-	0	0	1	-	-	-	0
1	1	1	1	0	1	1	0	0	-	1	-	1	0



**Grupa 6 – Osoba 1**

x				a	b	c	d	e	f	g	h	i	j	
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>											
0	0	0	0	1	-	1	1	0	0	0	0	0	0	
0	0	0	1	1	0	0	0	0	1	0	0	1	1	
0	0	1	0	0	1	1	-	1	1	1	1	0	0	
0	0	1	1	1	-	1	0	1	-	0	0	1	1	
0	1	0	0	1	0	0	-	0	0	0	-	1	0	
0	1	0	1	1	-	1	0	0	0	1	1	0	0	
0	1	1	0	0	1	0	0	0	-	0	-	0	1	
0	1	1	1	1	1	0	-	0	0	-	1	0	1	-
1	0	0	0	0	-	1	0	0	0	-	0	1	1	
1	0	0	1	-	-	0	0	0	1	-	0	0	-	
1	0	1	0	1	0	0	0	1	1	1	-	0	0	
1	0	1	1	-	0	1	-	0	0	1	1	1	-	
1	1	0	0	-	1	0	0	-	-	0	-	0	0	
1	1	0	1	0	0	0	0	1	0	1	-	-	1	
1	1	1	0	0	0	0	0	-	1	1	0	-	1	
1	1	1	1	0	0	-	1	1	1	1	0	1	-	

**Grupa 6 – Osoba 2**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	-	0	1	-	-	0	0	0	0	1
0	0	0	1	1	-	0	1	1	-	0	1	1	1
0	0	1	0	0	1	0	1	1	-	-	1	1	1
0	0	1	1	0	1	0	0	0	0	0	-	0	1
0	1	0	0	-	0	-	1	1	0	1	1	1	0
0	1	0	1	1	1	1	1	0	-	1	0	-	1
0	1	1	0	0	-	1	1	-	1	-	1	0	0
0	1	1	1	0	0	-	1	-	1	1	1	0	1
1	0	0	0	0	0	-	1	-	1	1	1	-	0
1	0	0	1	0	0	0	0	1	1	0	1	0	1
1	0	1	0	0	0	-	-	0	1	1	0	1	0
1	0	1	1	0	1	0	0	-	0	0	0	0	1
1	1	0	0	-	1	-	1	0	0	-	0	-	1
1	1	0	1	-	-	1	0	1	0	1	1	1	0
1	1	1	0	1	1	1	1	-	-	1	0	1	1
1	1	1	1	1	1	0	1	1	0	1	0	1	1

**Grupa 6 – Osoba 3**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	1	-	-	1	1	1	-	1	1
0	0	0	1	-	0	1	0	-	1	0	0	1	0
0	0	1	0	0	1	0	1	-	1	0	0	-	-
0	0	1	1	1	1	1	0	1	0	-	0	1	-
0	1	0	0	-	0	0	1	-	1	0	1	-	1
0	1	0	1	0	0	1	-	-	1	0	0	1	1
0	1	1	0	-	0	1	1	0	1	1	1	0	1
0	1	1	1	0	1	0	0	1	0	1	-	1	0
1	0	0	0	-	1	0	0	1	0	1	1	1	1
1	0	0	1	0	1	1	0	1	-	-	0	0	0
1	0	1	0	0	1	1	0	1	0	0	1	0	1
1	0	1	1	1	0	1	1	1	0	1	1	-	0
1	1	0	0	0	-	0	0	1	1	0	-	1	0
1	1	0	1	-	1	0	1	1	-	-	-	0	1
1	1	1	0	1	-	-	1	1	0	0	0	0	-
1	1	1	1	0	1	-	0	1	0	1	0	0	0

**Grupa 6 – Osoba 4**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	1	1	1	0	0	0	1	1	1
0	0	0	1	-	-	0	0	-	1	-	0	1	-
0	0	1	0	0	0	0	1	1	0	0	1	1	1
0	0	1	1	-	1	-	-	0	0	-	-	1	1
0	1	0	0	0	0	-	-	-	0	1	0	0	1
0	1	0	1	-	-	-	1	-	0	0	1	1	0
0	1	1	0	1	-	0	-	1	-	1	0	0	1
0	1	1	1	1	-	-	-	0	1	0	-	-	0
1	0	0	0	0	0	-	1	-	0	1	1	0	0
1	0	0	1	1	1	0	0	-	0	0	1	1	-
1	0	1	0	1	0	-	0	1	0	0	-	1	0
1	0	1	1	-	1	1	-	0	1	1	0	1	1
1	1	0	0	1	0	-	-	1	0	0	1	0	1
1	1	0	1	1	1	-	0	0	0	1	1	1	-
1	1	1	0	1	-	0	1	0	1	-	0	1	1
1	1	1	1	1	0	1	0	0	-	0	1	1	1

Grupa 6 – Osoba 5

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	-	0	1	0	1	0	1	0	1	0
0	0	0	1	1	0	0	1	1	0	0	0	0	-
0	0	1	0	-	0	0	1	1	1	1	1	-	-
0	0	1	1	1	1	0	1	-	-	1	1	-	0
0	1	0	0	0	-	0	0	1	-	1	-	0	-
0	1	0	1	0	0	0	0	1	1	-	0	1	0
0	1	1	0	-	1	-	0	0	1	1	1	0	-
0	1	1	1	0	0	0	-	1	0	0	0	0	1
1	0	0	0	0	-	1	-	0	1	1	1	-	1
1	0	0	1	1	-	1	0	0	-	0	1	-	1
1	0	1	0	1	1	1	0	-	0	1	0	0	0
1	0	1	1	0	-	1	1	1	1	1	0	1	1
1	1	0	0	1	1	-	-	0	1	1	0	-	0
1	1	0	1	1	1	-	1	-	1	1	1	1	0
1	1	1	0	0	1	0	0	1	-	0	0	-	1
1	1	1	1	-	0	0	0	1	0	0	0	-	0

Grupa 6 – Osoba 6

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	-	-	1	0	0	0	-	0	0	-
0	0	0	1	-	1	0	0	0	0	0	1	-	1
0	0	1	0	0	-	1	1	1	0	1	0	1	-
0	0	1	1	1	-	0	0	0	1	-	1	0	1
0	1	0	0	0	-	1	0	0	-	0	1	1	1
0	1	0	1	-	-	1	1	-	1	0	1	0	1
0	1	1	0	0	1	1	1	1	1	1	1	0	0
0	1	1	1	1	1	-	1	0	0	-	-	0	-
1	0	0	0	-	-	1	0	0	0	1	1	0	1
1	0	0	1	1	1	-	-	0	0	0	0	-	1
1	0	1	0	0	-	1	0	0	0	0	0	-	0
1	0	1	1	1	1	0	1	0	1	0	0	1	0
1	1	0	0	0	1	1	0	-	0	-	1	1	0
1	1	0	1	0	1	-	1	1	1	-	0	1	-
1	1	1	0	0	0	0	-	1	0	1	0	0	-
1	1	1	1	1	0	1	1	1	0	1	0	0	1

Grupa 6 – Osoba 7

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	0	-	-	1	1	1	1	0	1
0	0	0	1	1	1	1	0	1	0	0	-	0	0
0	0	1	0	1	0	1	-	0	1	1	0	0	0
0	0	1	1	1	0	1	0	0	-	1	0	1	0
0	1	0	0	1	-	1	0	1	0	1	1	-	0
0	1	0	1	1	0	0	1	1	0	-	1	1	0
0	1	1	0	0	0	1	-	0	-	1	0	1	0
0	1	1	1	1	1	-	-	1	-	1	-	0	1
1	0	0	0	-	1	0	0	0	0	1	-	0	0
1	0	0	1	0	1	-	1	0	-	0	1	0	0
1	0	1	0	1	1	0	-	0	0	-	0	1	0
1	0	1	1	0	0	0	-	-	1	-	1	1	0
1	1	0	0	0	0	-	1	1	0	-	1	1	-
1	1	0	1	1	0	1	-	-	0	0	-	1	0
1	1	1	0	1	0	0	1	-	1	0	1	0	1
1	1	1	1	0	0	1	0	1	0	0	1	1	1

Grupa 6 – Osoba 8

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	-	1	-	-	1	0	1	1	0	1
0	0	0	1	-	-	-	1	-	1	0	1	1	-
0	0	1	0	0	0	1	1	0	1	1	0	0	-
0	0	1	1	1	-	-	0	1	-	0	0	-	0
0	1	0	0	1	1	0	-	1	-	0	1	-	1
0	1	0	1	1	1	0	1	0	0	1	1	1	1
0	1	1	0	1	0	0	0	1	1	-	0	1	1
0	1	1	1	-	0	-	-	0	0	0	0	1	1
1	0	0	0	-	1	1	-	1	-	-	1	1	1
1	0	0	1	1	0	1	1	-	0	0	1	1	0
1	0	1	0	1	0	1	1	1	1	-	1	0	-
1	0	1	1	0	0	0	-	0	1	-	1	-	0
1	1	0	0	0	-	-	1	0	0	0	1	0	1
1	1	0	1	-	0	1	1	-	-	1	0	-	1
1	1	1	0	-	0	-	0	0	0	-	0	1	1
1	1	1	1	1	-	1	1	0	0	1	-	0	0

Grupa 6 – Osoba 9

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	1	1	-	-	0	0	1	-
0	0	0	1	0	0	1	-	0	1	-	1	0	1
0	0	1	0	-	0	-	1	-	1	0	1	1	1
0	0	1	1	-	1	1	0	1	0	1	-	-	1
0	1	0	0	0	-	-	0	-	1	1	0	1	1
0	1	0	1	1	1	1	-	0	-	1	1	0	0
0	1	1	0	0	1	0	1	-	1	1	0	1	0
0	1	1	1	1	0	0	1	0	0	1	0	1	-
1	0	0	0	0	-	1	0	1	0	0	1	-	0
1	0	0	1	0	-	0	1	0	1	1	0	0	0
1	0	1	0	0	0	-	0	-	1	0	1	0	0
1	0	1	1	1	0	-	0	1	1	-	1	-	-
1	1	0	0	0	1	0	0	0	1	0	0	0	1
1	1	0	1	0	0	-	1	-	-	-	0	1	1
1	1	1	0	0	0	0	0	1	1	1	1	-	0
1	1	1	1	0	1	0	-	1	1	1	1	0	0

Grupa 6 – Osoba 10

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	-	1	0	0	-	1	1	0	-	-
0	0	0	1	0	1	1	-	1	0	-	1	1	1
0	0	1	0	1	1	-	1	-	1	1	0	1	0
0	0	1	1	0	0	1	0	0	1	0	1	0	-
0	1	0	0	1	0	1	1	1	-	-	0	-	0
0	1	0	1	-	-	0	0	1	1	1	-	-	-
0	1	1	0	0	0	0	1	0	0	0	1	0	-
0	1	1	1	-	0	-	0	0	0	0	1	0	0
1	0	0	0	1	1	0	0	1	1	-	1	0	1
1	0	0	1	1	1	0	0	-	1	0	0	-	0
1	0	1	0	0	-	0	-	1	0	1	1	1	1
1	0	1	1	0	1	0	1	0	1	0	0	0	0
1	1	0	0	0	0	1	1	0	-	-	-	1	0
1	1	0	1	1	0	0	1	-	0	0	0	1	-
1	1	1	0	-	-	1	-	1	1	1	0	0	-
1	1	1	1	1	0	1	1	-	0	1	1	0	1

**Grupa 6 – Osoba 11**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	-	0	1	0	1	-	0	1	1
0	0	0	1	0	1	-	-	0	1	1	-	1	0
0	0	1	0	-	0	1	1	0	1	0	1	0	1
0	0	1	1	1	0	0	0	-	-	1	0	1	0
0	1	0	0	0	1	-	1	0	0	1	0	1	-
0	1	0	1	0	-	0	0	-	0	1	1	-	0
0	1	1	0	-	1	-	0	1	-	-	1	1	1
0	1	1	1	1	0	0	-	0	0	0	1	1	0
1	0	0	0	-	1	1	-	1	1	1	0	1	1
1	0	0	1	1	-	1	0	0	0	0	-	1	0
1	0	1	0	0	1	0	0	-	1	1	0	1	0
1	0	1	1	-	-	1	-	1	1	-	0	1	0
1	1	0	0	0	-	0	0	1	1	-	0	1	0
1	1	0	1	1	1	-	-	0	-	0	0	1	0
1	1	1	0	1	1	0	0	-	1	-	-	0	1
1	1	1	1	0	1	1	0	-	0	0	0	1	0

**Grupa 6 – Osoba 12**

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	1	1	0	-	-	0	1	-	-	-
0	0	0	1	1	1	0	1	0	1	-	1	1	1
0	0	1	0	0	1	0	1	1	0	1	1	1	1
0	0	1	1	1	1	0	0	1	1	0	0	0	-
0	1	0	0	1	-	-	0	1	0	0	1	-	1
0	1	0	1	0	0	1	-	0	1	0	-	0	1
0	1	1	0	-	0	1	-	-	1	0	-	1	0
0	1	1	1	1	1	1	1	-	0	1	0	1	1
1	0	0	0	-	0	1	0	1	-	1	-	0	1
1	0	0	1	-	1	0	-	0	-	1	1	-	0
1	0	1	0	0	0	0	0	0	0	0	1	1	-
1	0	1	1	0	1	0	0	-	-	1	1	1	1
1	1	0	0	1	0	1	-	0	1	1	0	-	0
1	1	0	1	0	1	1	-	0	0	1	1	0	-
1	1	1	0	1	0	1	1	0	-	-	1	1	0
1	1	1	1	0	0	-	0	-	-	1	1	0	-

Grupa 6 – Osoba 13

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	1	-	0	0	-	0	1	-	-
0	0	0	1	-	1	-	1	0	0	0	1	1	0
0	0	1	0	1	-	-	-	0	0	1	1	1	1
0	0	1	1	0	-	-	-	0	0	0	-	-	-
0	1	0	0	0	0	-	0	0	-	1	0	0	1
0	1	0	1	0	1	1	1	-	-	1	-	0	0
0	1	1	0	0	1	-	1	1	1	1	0	0	1
0	1	1	1	1	1	0	0	0	-	1	1	0	1
1	0	0	0	0	0	0	-	1	-	-	1	0	1
1	0	0	1	0	0	-	1	1	0	1	0	1	-
1	0	1	0	0	0	-	1	1	0	1	-	0	1
1	0	1	1	1	1	1	0	-	-	1	0	0	-
1	1	0	0	0	-	1	0	-	1	-	0	1	0
1	1	0	1	1	1	-	0	1	0	-	-	0	-
1	1	1	0	0	-	-	0	1	1	0	1	1	1
1	1	1	1	0	1	0	0	1	0	-	-	0	0

Grupa 6 – Osoba 14

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	1	1	1	1	0	1	0	1	0
0	0	0	1	-	-	-	1	1	-	0	0	1	1
0	0	1	0	1	1	1	0	-	1	0	1	0	0
0	0	1	1	1	0	0	-	1	0	-	0	0	-
0	1	0	0	1	0	0	-	0	0	0	-	0	-
0	1	0	1	1	0	1	1	0	1	0	0	0	0
0	1	1	0	1	1	0	1	1	1	1	1	1	1
0	1	1	1	0	0	0	1	0	0	1	1	1	0
1	0	0	0	0	-	-	1	0	0	0	-	0	1
1	0	0	1	-	-	1	1	-	1	-	-	-	0
1	0	1	0	1	-	0	1	-	1	1	-	0	1
1	0	1	1	0	1	1	0	-	1	-	-	0	1
1	1	0	0	1	0	0	1	-	1	0	0	0	1
1	1	0	1	0	1	0	-	1	0	1	1	0	0
1	1	1	0	0	1	0	0	0	0	0	1	1	0
1	1	1	1	0	0	1	-	1	1	-	0	1	1

Grupa 6 – Osoba 15

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	0	0	0	-	1	1	1	1	-	1
0	0	0	1	1	-	0	1	-	0	1	1	1	-
0	0	1	0	1	1	1	1	1	-	0	1	1	0
0	0	1	1	-	1	-	0	-	0	0	0	-	1
0	1	0	0	-	1	0	1	-	1	0	0	1	0
0	1	0	1	0	0	1	0	1	0	0	1	1	0
0	1	1	0	0	-	0	0	0	1	-	0	-	0
0	1	1	1	1	1	0	1	1	0	-	1	-	-
1	0	0	0	0	0	0	1	0	0	0	0	1	0
1	0	0	1	1	0	-	1	1	-	0	-	0	1
1	0	1	0	1	0	-	0	1	1	0	0	-	-
1	0	1	1	-	0	0	0	1	1	0	0	0	0
1	1	0	0	1	1	0	1	-	1	1	1	0	1
1	1	0	1	0	1	0	1	0	1	1	-	0	1
1	1	1	0	-	1	-	1	1	0	0	1	1	1
1	1	1	1	1	1	1	1	-	-	0	0	0	1

Grupa 6 – Osoba 16

x				a	b	c	d	e	f	g	h	i	j
x <sub>3</sub>	x <sub>2</sub>	x <sub>1</sub>	x <sub>0</sub>										
0	0	0	0	-	1	0	1	1	1	-	1	0	0
0	0	0	1	-	0	1	1	-	0	1	1	1	1
0	0	1	0	0	0	-	0	1	-	1	0	1	0
0	0	1	1	0	0	1	1	0	0	1	0	-	1
0	1	0	0	0	1	1	0	1	0	0	0	1	-
0	1	0	1	0	0	-	0	1	-	1	1	1	1
0	1	1	0	1	1	1	0	1	-	1	1	1	0
0	1	1	1	-	1	-	1	0	0	0	0	1	-
1	0	0	0	-	1	1	1	1	1	-	0	0	0
1	0	0	1	0	0	-	1	1	0	0	0	0	0
1	0	1	0	1	0	0	-	0	0	0	0	1	1
1	0	1	1	1	1	1	0	0	0	1	1	0	-
1	1	0	0	1	-	1	-	1	0	1	-	1	-
1	1	0	1	-	1	1	1	1	-	-	1	1	0
1	1	1	0	-	1	0	1	0	1	0	1	0	0
1	1	1	1	-	0	-	1	1	1	1	1	1	-