

# Stevens Binaire Puzzels

*Gratis*  
**voorbeeld**

*Moeilijkheid*  
**makkelijk en moeilijk**

*Afmetingen*  
**10x10 en 12x12**

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 |   |   | 0 | 1 |   |   | 0 | 0 |   |   |   |
|   | 1 |   |   |   |   |   |   |   |   | 0 | 0 |
| 1 | 1 |   |   | 0 |   | 1 |   |   |   |   | 0 |
|   |   |   | 1 |   |   |   | 0 |   |   |   |   |
|   |   | 1 |   |   |   | 1 | 0 |   |   |   |   |
|   | 0 |   |   |   |   | 1 |   |   | 1 | 1 |   |
| 0 |   |   |   | 1 |   |   | 1 |   |   |   | 0 |
|   |   | 0 |   |   |   |   |   | 0 |   |   |   |
|   |   |   | 1 |   |   |   |   |   |   |   | 0 |
| 0 |   |   |   |   | 1 |   |   |   |   |   |   |
|   | 0 |   | 0 |   | 1 |   | 1 |   | 0 |   |   |
|   | 1 |   |   |   |   | 0 |   | 1 |   |   | 0 |

***de superpopulaire logische puzzel***

[www.binairepuzzels.be](http://www.binairepuzzels.be)

Enkel voor persoonlijk gebruik, commercieel gebruik is expliciet verboden.

Binaire puzzels zijn volledig opgelost wanneer:

- alle rijen en kolommen een gelijk aantal eentjes en nullen bevatten
- in rijen of kolommen met een oneven aantal posities staat er één eentje meer dan het aantal nullen
- geen twee rijen of twee kolommen exact hetzelfde zijn
- er niet meer dan twee opeenvolgende eentjes of nullen in een rij of kolom staan

Er is steeds slechts één oplossing voor een puzzel. De volgende tips kunnen je helpen:

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
|   |   |   |   |   |   |   |   |   |   |   |   |
| 0 | 0 | A | B | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |
|   |   |   |   |   |   |   |   |   |   |   |   |
|   | C | 0 | 0 | D |   |   | E | 1 | 1 | F |   |
|   |   |   |   |   |   |   |   |   |   |   |   |
| 1 | G | 1 |   |   | 0 | H | 0 |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |
| 0 | 1 | 0 | I |   |   | J | 0 | 1 | 0 | 0 | 1 |
|   |   |   |   |   |   |   |   |   |   |   |   |
| 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| 1 | 0 | 1 | 0 | 1 | K | L | 0 | 1 | 0 | 0 | 1 |
|   |   |   |   |   |   |   |   |   |   |   |   |

**Tip 1** Vervolledig rijen en kolommen

Elke rij en elke kolom moet een gelijk aantal eentjes en nullen bevatten en daarom kan de rij aangevuld worden met twee eentjes:  $A = 1$  en  $B = 1$ .

**Tip 2** Vind duo's

Er kunnen niet meer dan twee opeenvolgende eentjes of nullen voorkomen en daarom kan elk duo van eentjes of nullen aangevuld worden met het andere cijfer:  $C = 1$  en  $D = 1$ , en  $E = 0$  en  $F = 0$ .

**Tip 3** Vermijd trio's

Om trio's te vermijden moet je het andere cijfer tussen twee gelijke cijfers invullen:  $G = 0$  en  $H = 1$ .

**Tip 4** Elimineer onmogelijke combinaties

In dit voorbeeld kan er slechts één nul voorkomen in de rij (I-J). Deze nul kan niet op I of J geplaatst worden omdat er anders een trio ontstaat in de overblijvende vakjes:  $I = 1$  en  $J = 1$ .

**Tip 5** Rij en kolommen mogen niet identiek zijn

De rijen zijn identiek behalve wanneer  $K = 0$  en  $L = 1$ .

een beetje uitleg over de moeilijkheidsgraden

- beginner: gebruik tips 1, 2 en 3
- gemakkelijk: gebruik tips 1, 2, 3 en mogelijks 4
- moeilijk: gebruik tips 1, 2, 3 en mogelijks 4 en 5
- kampioen: gebruik tips 1, 2, 3, 4 en 5

Enkel voor persoonlijk gebruik, commercieel gebruik is expliciet verboden.

|   |  |   |   |   |   |   |   |   |   |
|---|--|---|---|---|---|---|---|---|---|
|   |  | 1 |   |   |   | 1 | 1 |   |   |
|   |  |   |   |   | 1 |   |   | 1 |   |
| 0 |  | 0 |   |   |   |   |   |   |   |
|   |  |   |   | 0 |   |   |   |   |   |
|   |  | 1 | 1 |   |   | 1 |   |   |   |
|   |  | 0 | 1 |   |   |   |   |   | 1 |
| 1 |  |   |   |   |   |   |   |   |   |
|   |  |   | 1 |   |   |   | 1 |   |   |
|   |  |   | 0 |   |   |   |   |   | 0 |
|   |  |   | 0 |   |   |   |   |   | 0 |

1

|   |   |   |   |   |   |   |   |  |   |
|---|---|---|---|---|---|---|---|--|---|
| 0 | 0 |   |   |   |   |   |   |  | 1 |
|   |   |   |   |   |   |   |   |  |   |
| 0 |   |   |   |   |   | 0 | 0 |  |   |
|   |   |   |   | 0 |   |   |   |  | 1 |
|   |   | 1 | 1 |   |   |   |   |  | 0 |
|   | 0 |   | 1 |   |   |   |   |  |   |
|   |   |   |   | 1 |   |   |   |  |   |
| 0 |   |   |   |   |   |   |   |  |   |
|   |   |   |   |   | 1 | 1 |   |  |   |
|   |   |   |   |   | 1 |   |   |  |   |

2

|   |   |   |   |   |   |   |   |  |   |
|---|---|---|---|---|---|---|---|--|---|
|   |   |   |   | 0 |   |   |   |  |   |
|   | 1 |   |   |   |   |   |   |  | 0 |
| 0 | 1 |   |   |   | 1 |   |   |  | 0 |
|   |   | 1 |   |   |   |   |   |  | 1 |
|   |   |   | 1 |   |   |   |   |  |   |
| 0 | 0 |   |   |   |   | 0 |   |  | 0 |
| 0 |   |   | 0 |   |   | 0 |   |  |   |
|   | 1 |   |   |   |   |   | 1 |  |   |
|   | 1 |   |   |   | 1 |   |   |  |   |
| 0 |   |   | 0 | 0 |   |   |   |  |   |

3

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
|   |   |   |   |   |   | 1 | 1 |   | 1 |
|   | 0 | 0 |   |   |   |   |   | 1 |   |
| 1 |   |   |   |   |   |   |   |   |   |
|   |   |   | 0 |   |   |   |   | 0 |   |
|   | 0 |   | 1 |   |   |   |   |   | 0 |
|   | 1 | 0 |   |   | 0 |   |   |   |   |
| 0 |   |   |   |   | 0 | 0 |   |   |   |
| 1 | 1 |   |   |   |   |   |   |   | 1 |
|   | 0 |   | 0 | 0 |   |   |   |   |   |
|   |   | 0 |   | 1 |   |   |   |   |   |

4

|   |   |   |   |   |   |   |  |   |  |
|---|---|---|---|---|---|---|--|---|--|
| 1 | 1 |   |   |   |   | 1 |  |   |  |
| 1 | 1 |   |   |   |   |   |  | 0 |  |
|   |   |   |   |   |   |   |  | 0 |  |
|   | 0 |   |   |   |   |   |  |   |  |
|   |   |   |   | 0 | 0 |   |  | 1 |  |
|   |   |   |   | 1 |   |   |  |   |  |
|   | 0 | 0 |   |   |   |   |  |   |  |
| 1 |   |   | 0 |   |   |   |  | 1 |  |
|   |   | 0 |   |   | 1 |   |  | 1 |  |
|   |   | 0 |   |   |   |   |  |   |  |

5

|   |   |   |   |   |   |   |   |   |  |
|---|---|---|---|---|---|---|---|---|--|
|   | 1 |   | 0 |   |   |   |   |   |  |
|   |   | 0 |   |   | 1 | 1 |   |   |  |
|   |   | 0 |   |   |   | 0 |   | 0 |  |
| 1 |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   | 0 | 1 |  |
| 1 |   |   | 0 |   |   |   | 0 |   |  |
| 1 |   |   |   | 1 |   |   |   |   |  |
|   |   |   | 1 |   |   |   | 1 | 1 |  |
| 0 |   |   | 1 | 1 |   |   |   |   |  |
|   |   |   |   | 1 |   |   | 1 | 1 |  |

6

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 |   |   |   |   |   | 0 | 0 |   |   |
|   | 0 |   |   |   | 0 |   |   |   |   |
| 1 |   |   |   | 0 |   |   |   |   |   |
|   |   |   | 0 |   |   |   |   | 0 | 0 |
| 0 |   | 0 |   |   | 1 |   |   | 0 |   |
|   |   |   | 0 |   |   |   |   |   |   |
|   | 0 |   |   | 1 |   |   |   |   |   |
| 0 | 0 |   |   | 1 |   |   |   |   |   |
|   |   |   |   |   |   | 1 |   |   |   |
|   |   |   | 1 | 1 |   |   |   |   |   |

7

|   |   |   |   |   |  |   |   |  |   |
|---|---|---|---|---|--|---|---|--|---|
| 0 |   |   |   |   |  |   |   |  |   |
| 0 |   |   |   | 0 |  |   |   |  |   |
|   |   | 1 | 1 |   |  |   | 0 |  |   |
|   |   |   | 1 |   |  |   |   |  | 1 |
|   |   |   |   |   |  |   |   |  | 1 |
|   | 1 |   |   |   |  |   |   |  |   |
|   | 1 |   |   |   |  |   |   |  |   |
| 0 |   |   |   | 1 |  |   | 1 |  |   |
|   |   |   | 0 | 0 |  | 1 |   |  |   |
|   |   |   |   |   |  | 1 | 1 |  |   |

8

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 1 |   |   | 0 |   |   | 0 |   |   |   |
|   |   |   | 0 |   | 1 | 1 |   |   |   |
| 1 | 1 |   |   |   |   |   |   |   |   |
|   |   | 0 |   | 0 |   |   |   |   |   |
|   |   |   |   |   | 0 |   |   | 1 | 1 |
|   |   |   | 0 |   |   |   | 0 | 1 |   |
|   | 0 |   |   |   |   |   |   |   |   |
|   |   |   |   |   | 1 |   |   | 0 |   |
| 1 |   | 0 | 0 |   |   |   |   |   |   |
|   |   |   |   |   |   | 0 |   | 0 |   |

9

|   |   |  |   |   |  |   |   |   |   |   |
|---|---|--|---|---|--|---|---|---|---|---|
| 1 |   |  |   |   |  |   |   | 0 | 0 |   |
|   |   |  |   |   |  |   | 1 | 0 |   | 1 |
| 0 |   |  |   |   |  |   | 0 |   |   |   |
|   | 0 |  | 0 | 0 |  |   |   | 0 |   |   |
|   | 0 |  |   |   |  |   |   |   | 1 | 1 |
|   |   |  | 0 | 0 |  |   | 1 |   |   |   |
|   |   |  | 0 |   |  |   |   |   |   | 1 |
| 0 | 0 |  |   |   |  |   |   |   |   |   |
| 1 |   |  | 1 |   |  | 1 |   |   |   |   |
|   |   |  |   |   |  |   | 0 |   |   | 0 |
|   |   |  | 1 |   |  |   |   |   |   | 0 |

10

|   |   |   |  |   |   |   |   |   |   |   |
|---|---|---|--|---|---|---|---|---|---|---|
| 0 |   | 1 |  |   | 0 | 1 |   |   | 1 |   |
|   |   |   |  |   |   |   |   | 1 |   |   |
| 0 |   | 1 |  |   |   | 0 |   |   | 0 | 0 |
|   |   | 1 |  | 1 |   |   |   |   |   | 1 |
|   |   |   |  |   | 0 |   | 1 |   |   |   |
| 0 |   | 1 |  |   |   |   |   |   |   | 1 |
|   |   |   |  | 1 |   | 0 | 1 |   | 0 |   |
| 0 |   | 1 |  |   | 0 |   |   | 1 |   |   |
|   | 1 |   |  |   |   | 1 |   |   |   | 1 |
|   |   |   |  | 1 |   | 1 |   | 1 |   |   |
|   |   | 1 |  |   |   |   |   |   |   |   |
|   |   |   |  | 1 |   |   |   | 0 | 1 |   |

11

|   |   |   |   |   |   |   |  |   |   |   |
|---|---|---|---|---|---|---|--|---|---|---|
| 0 |   |   |   | 0 |   |   |  |   |   | 0 |
|   | 1 |   | 1 |   |   |   |  |   |   | 1 |
|   | 1 |   |   |   |   | 0 |  | 0 |   |   |
| 0 |   |   |   |   |   |   |  |   |   |   |
|   |   |   |   | 0 | 0 |   |  | 1 |   |   |
| 0 |   |   |   |   |   |   |  | 1 | 1 |   |
|   |   | 1 | 1 |   |   |   |  |   |   |   |
|   | 0 |   |   |   |   |   |  |   |   | 1 |
|   |   |   |   |   |   |   |  |   |   | 1 |
|   | 0 | 0 |   |   |   |   |  |   |   | 0 |
|   |   |   |   |   |   |   |  |   |   | 0 |
| 1 |   |   | 1 | 1 |   | 1 |  |   | 1 |   |

12

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
|   | 1 |   |   |   | 0 |   | 0 |   |   |
| 0 |   | 0 | 1 | 1 | 0 |   | 0 |   | 0 |
| 0 |   |   |   |   |   |   |   | 1 |   |
|   |   | 0 |   |   |   |   |   |   |   |
|   |   |   | 1 | 0 | 0 |   |   |   | 1 |
|   |   |   |   |   |   |   |   |   |   |
|   | 0 | 0 | 1 |   | 1 | 1 |   |   |   |
| 1 | 1 |   |   |   | 1 |   | 1 | 0 |   |
|   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |
|   | 1 | 1 |   |   | 1 |   |   | 0 |   |
|   |   |   |   |   |   |   |   |   |   |

13

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 |   |   |   |   | 1 |   |   |   |   |
|   | 0 | 0 |   |   |   |   | 0 | 0 |   |
|   |   |   |   | 1 | 0 | 1 |   |   |   |
|   |   | 1 |   |   |   |   |   |   |   |
|   |   | 1 | 1 | 1 |   |   |   |   |   |
| 0 |   |   | 0 | 0 | 0 | 0 |   |   |   |
|   | 0 |   |   |   |   | 1 | 1 | 1 |   |
|   | 0 |   |   | 1 |   |   |   |   |   |
|   |   |   |   |   |   |   |   | 0 | 0 |
|   |   |   |   |   |   |   |   |   |   |
|   |   | 0 | 0 |   | 0 |   | 1 |   |   |
|   |   |   |   |   |   | 0 |   |   |   |

14

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
|   |   | 0 | 0 |   |   |   |   |   |   |
| 1 |   |   |   | 1 |   |   |   | 0 |   |
| 1 |   |   |   | 1 | 0 |   |   |   |   |
|   |   |   |   |   | 0 |   |   |   |   |
|   |   | 0 | 0 |   | 0 |   |   | 1 |   |
|   | 1 |   |   |   | 0 |   |   |   | 1 |
|   |   |   |   |   |   |   | 1 |   |   |
|   |   |   | 1 |   |   | 0 | 0 |   |   |
|   |   | 1 |   |   | 1 | 0 |   |   | 0 |
| 1 |   |   | 1 | 0 |   |   |   |   |   |
|   | 0 | 0 |   |   |   |   | 0 |   |   |
|   |   |   |   |   | 0 | 1 | 0 |   |   |

15

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 |   |   | 1 |   |   |   |   | 1 |   |   |   |
|   | 0 |   |   |   | 1 |   |   |   |   | 1 |   |
| 0 | 0 |   |   |   |   |   | 1 | 1 |   |   |   |
|   |   |   | 0 |   |   | 1 | 1 |   |   |   |   |
| 1 |   | 0 |   |   | 0 |   |   |   |   |   | 1 |
| 1 |   |   |   | 0 |   |   |   |   | 0 |   |   |
|   |   |   | 1 |   |   |   | 1 |   |   |   |   |
|   |   |   |   |   |   | 0 |   |   |   |   | 1 |
| 1 |   |   |   |   |   |   |   |   |   | 0 |   |
|   |   |   | 1 | 1 |   |   | 0 |   |   |   | 0 |
| 1 |   |   | 1 |   | 1 | 1 |   |   |   |   |   |
|   |   | 0 |   |   | 1 |   |   |   |   |   |   |

16

|   |   |   |   |   |   |   |   |   |  |   |   |
|---|---|---|---|---|---|---|---|---|--|---|---|
|   | 0 |   |   |   |   |   |   |   |  |   |   |
|   |   |   | 1 |   |   | 1 | 1 |   |  |   |   |
|   |   | 0 |   |   |   |   |   |   |  | 1 | 0 |
|   |   | 0 |   |   |   |   | 1 |   |  |   | 0 |
|   |   |   |   | 0 |   |   |   |   |  |   |   |
| 1 |   |   |   |   |   |   | 0 |   |  |   | 0 |
|   |   | 1 | 1 |   |   |   |   |   |  |   |   |
|   | 0 |   |   |   |   |   | 0 | 0 |  |   | 0 |
|   |   |   | 1 |   |   | 1 |   |   |  |   | 1 |
|   |   |   |   | 0 |   |   | 1 |   |  |   | 0 |
|   | 1 |   |   |   |   |   |   |   |  | 0 |   |
|   |   | 1 | 0 |   | 0 |   | 1 | 0 |  |   |   |

17

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 |   |   |   |   |   |   |   |   |   |   |   |
| 1 | 1 |   | 1 | 1 |   | 1 |   |   |   |   |   |
|   |   |   |   |   | 1 |   |   |   | 0 |   |   |
|   | 1 |   | 1 |   |   |   | 1 |   |   |   | 0 |
|   | 1 |   |   |   |   |   |   | 0 | 1 |   | 1 |
|   |   |   | 0 |   |   | 0 |   |   | 1 | 0 |   |
|   |   | 0 |   |   |   | 0 | 0 |   |   |   | 0 |
| 0 |   |   |   |   |   |   |   | 0 |   |   |   |
|   |   | 1 |   |   |   |   |   |   |   | 1 | 1 |
|   |   |   | 0 |   |   |   |   |   | 0 |   |   |
| 0 | 0 |   |   |   | 1 |   |   | 0 |   |   | 1 |
|   | 1 |   |   |   | 1 |   |   |   |   | 1 | 1 |

18



|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
|   |   |   | 1 |   |   |   |   |   |   |   | 0 |
|   | 1 |   |   | 0 | 0 |   |   | 0 | 0 |   |   |
|   |   |   |   | 0 |   |   | 1 |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   | 0 | 0 |   |   |   |   | 0 |
|   |   | 1 | 1 |   |   |   |   | 1 |   | 1 |   |
|   |   |   |   |   | 0 |   |   |   |   |   | 1 |
|   |   | 0 |   |   |   |   | 1 |   |   |   | 1 |
|   |   |   |   | 0 |   |   | 1 |   | 0 |   |   |
|   |   |   | 1 |   |   |   |   |   | 0 |   | 0 |
| 0 |   |   |   | 0 |   | 0 |   |   |   |   |   |
|   |   |   |   |   |   | 0 |   |   |   |   |   |

19

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 |   |   |   | 0 |   | 1 | 1 |   |   |   |
|   | 0 | 1 |   |   |   |   |   | 0 | 0 |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   | 1 |   | 1 |   |   |
|   | 1 |   | 0 |   |   | 0 |   |   |   |   | 0 |
|   |   | 0 |   |   |   |   |   |   |   |   | 1 |
|   |   |   |   |   |   | 1 | 1 |   |   |   | 0 |
|   | 0 |   |   |   |   |   | 1 |   |   |   |   |
| 0 |   |   | 1 |   |   |   |   |   | 1 |   | 1 |
|   | 0 | 0 |   |   |   | 0 |   |   |   |   |   |
|   |   |   |   | 1 | 1 |   | 0 |   |   | 1 |   |
|   |   |   |   |   | 0 |   |   |   |   |   | 0 |

20

|   |   |   |   |  |   |   |   |   |   |
|---|---|---|---|--|---|---|---|---|---|
| 1 |   |   |   |  |   |   |   |   | 0 |
| 1 | 0 |   | 0 |  | 1 |   |   | 1 |   |
|   |   |   |   |  |   | 0 |   |   |   |
|   |   |   | 1 |  | 1 |   |   |   |   |
|   |   | 1 | 1 |  |   |   | 1 |   |   |
|   |   |   |   |  |   |   |   |   | 0 |
|   | 1 |   | 0 |  |   |   | 1 |   |   |
|   |   |   |   |  |   |   |   |   |   |
| 1 |   |   |   |  | 1 |   | 1 |   |   |
|   | 1 | 1 |   |  |   | 0 |   | 0 |   |

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|   |   |   |   |   |   |   |   |   |  |
|---|---|---|---|---|---|---|---|---|--|
| 0 |   |   |   | 0 | 0 |   |   | 0 |  |
|   |   |   |   |   |   |   |   |   |  |
|   | 0 |   |   |   |   | 0 |   |   |  |
| 0 | 0 |   |   |   |   | 1 |   |   |  |
|   |   | 1 |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |  |
| 0 |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   | 1 |   |  |
|   | 0 | 0 |   |   |   | 0 |   |   |  |
|   |   |   | 1 |   | 0 | 0 |   |   |  |

22

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 |   |   |   | 1 | 1 | 0 |   |   |   |
| 1 | 1 |   |   |   | 1 |   |   |   |   |
|   |   |   | 1 |   |   |   |   | 0 |   |
| 1 |   |   |   |   | 0 | 1 |   | 1 |   |
|   |   |   |   | 1 |   |   |   |   |   |
| 0 |   |   |   |   |   |   | 0 |   |   |
|   |   |   |   | 1 |   |   |   | 0 |   |
|   |   | 1 |   |   |   |   |   |   |   |
| 0 |   | 1 | 1 |   |   | 0 |   |   | 0 |
|   |   |   |   |   |   |   |   |   |   |

23

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 0 |   |   |   | 1 | 0 | 0 |   |
|   |   |   | 1 | 1 |   |   |   |
|   |   |   |   |   | 0 |   |   |
|   |   |   | 0 |   |   |   | 1 |
| 0 | 0 | 0 |   | 0 |   |   |   |
|   |   |   |   |   |   |   |   |
|   |   |   | 1 |   |   |   |   |
| 0 | 0 |   |   | 0 |   |   |   |
|   |   |   |   | 0 | 0 |   | 0 |
| 0 |   |   |   |   |   |   | 0 |

24

|   |   |   |   |   |   |  |   |
|---|---|---|---|---|---|--|---|
|   |   |   | 1 |   |   |  |   |
| 0 |   | 1 |   |   |   |  | 0 |
|   |   |   |   |   | 0 |  |   |
|   |   | 0 | 1 |   |   |  |   |
|   | 1 |   | 1 |   | 1 |  | 1 |
|   |   | 0 |   |   |   |  |   |
|   | 0 |   |   |   | 1 |  | 1 |
|   |   |   |   | 1 |   |  | 1 |
| 1 | 1 |   |   | 0 |   |  |   |
| 0 | 0 |   |   | 1 |   |  |   |

25

|   |   |   |   |   |   |  |   |   |
|---|---|---|---|---|---|--|---|---|
| 1 |   |   | 1 |   |   |  | 1 | 0 |
| 1 |   |   |   |   |   |  |   | 1 |
|   |   |   |   |   | 0 |  |   |   |
|   |   |   |   | 0 | 0 |  | 0 |   |
|   |   |   |   |   |   |  |   | 1 |
|   |   | 1 |   |   | 1 |  |   |   |
| 0 |   |   |   |   |   |  |   |   |
|   | 1 |   |   | 0 |   |  | 0 |   |
|   |   |   |   |   | 1 |  |   |   |
| 1 | 0 |   | 1 |   | 1 |  |   |   |

26

|   |   |  |   |   |   |   |   |   |   |
|---|---|--|---|---|---|---|---|---|---|
| 0 |   |  |   |   | 0 | 0 |   |   |   |
|   |   |  | 1 | 1 |   |   |   |   |   |
|   |   |  | 0 |   |   |   | 0 |   |   |
|   | 1 |  |   |   |   |   | 0 |   |   |
| 0 |   |  |   |   |   |   |   |   |   |
|   |   |  | 0 |   |   |   |   |   | 1 |
| 0 |   |  |   | 0 |   |   |   |   |   |
|   |   |  |   |   | 0 |   |   | 1 | 1 |
|   | 0 |  |   | 0 | 0 |   |   |   |   |
|   |   |  |   |   |   |   |   |   | 1 |

27

|   |   |   |   |   |   |  |   |   |   |
|---|---|---|---|---|---|--|---|---|---|
|   |   | 1 | 1 |   | 1 |  |   |   |   |
|   | 1 | 1 |   |   |   |  |   |   |   |
| 0 |   |   |   |   | 0 |  |   |   |   |
|   |   |   |   | 1 |   |  |   |   |   |
| 1 | 0 |   |   | 1 | 1 |  |   |   |   |
|   |   |   |   |   |   |  | 0 | 0 |   |
|   | 0 |   |   | 1 |   |  |   |   |   |
|   |   |   |   |   |   |  | 1 |   |   |
|   |   |   |   |   |   |  |   |   |   |
|   |   |   |   |   |   |  |   |   | 0 |

28

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 |   |   | 1 |   | 0 |   |   |   |   |
|   |   |   | 1 |   |   | 0 |   |   |   |
| 1 | 1 |   |   |   |   | 0 |   |   |   |
|   |   |   |   |   |   |   |   |   |   |
|   |   |   | 1 | 1 |   |   |   | 0 |   |
| 0 | 0 |   |   |   | 1 |   |   |   |   |
|   |   |   |   |   |   |   |   |   | 1 |
| 0 |   |   | 1 |   |   | 1 |   |   | 1 |
|   |   | 0 |   |   |   |   | 1 |   |   |
|   |   | 0 |   |   |   |   |   |   |   |

29

|   |   |   |   |   |   |   |  |   |   |   |   |
|---|---|---|---|---|---|---|--|---|---|---|---|
| 1 | 1 |   |   |   |   |   |  |   | 0 | 0 |   |
| 1 |   |   |   |   | 1 | 1 |  |   |   |   | 1 |
|   |   |   |   | 0 |   |   |  |   | 0 |   |   |
|   |   |   |   |   |   |   |  |   | 0 | 0 |   |
|   |   |   | 0 |   |   |   |  |   |   |   |   |
|   | 0 |   | 0 |   |   |   |  |   |   |   |   |
|   |   |   |   |   | 0 | 0 |  |   |   |   | 0 |
|   |   | 0 |   |   |   |   |  | 0 | 0 |   |   |
|   | 0 |   |   |   |   |   |  |   |   |   |   |
|   |   | 0 |   |   |   | 0 |  |   |   |   |   |
| 1 |   |   |   | 1 |   |   |  |   |   |   |   |
| 1 |   | 0 |   |   | 1 |   |  |   |   |   |   |

30

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 |   |   |   | 0 |   |   | 0 |   |   |   |
|   |   | 0 |   |   |   |   |   |   |   |   |   |
|   | 1 |   |   | 0 |   |   | 0 | 0 |   | 1 |   |
| 1 |   |   |   | 0 |   |   | 1 | 0 |   |   |   |
|   |   |   | 1 |   |   |   |   |   |   |   | 1 |
|   |   |   |   |   | 0 |   |   | 0 |   |   |   |
|   |   | 1 |   | 1 |   |   |   | 0 |   |   |   |
|   |   |   |   |   |   |   |   |   | 1 |   |   |
| 1 |   |   | 0 | 0 |   | 0 |   |   |   | 0 |   |
|   | 0 |   |   |   |   |   |   |   |   |   | 1 |
|   |   | 1 |   |   |   |   |   |   |   |   |   |
| 0 |   |   | 1 |   |   |   |   |   |   | 0 |   |

31

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 |   | 1 | 1 |   |   |   |   |   | 1 |   |   |
|   |   |   |   |   |   |   | 0 | 0 |   |   |   |
|   | 0 |   | 1 |   |   | 1 |   |   |   |   |   |
|   |   |   | 1 |   |   |   | 0 |   |   |   | 0 |
|   |   |   |   |   |   |   |   |   |   |   |   |
|   | 1 |   |   |   |   |   | 1 |   |   |   |   |
| 1 |   |   |   | 0 |   |   |   | 0 |   |   |   |
|   |   |   |   | 0 | 0 |   |   |   |   |   |   |
|   |   |   |   |   |   | 1 |   |   |   |   | 0 |
|   |   |   |   |   |   |   |   |   | 1 |   |   |
|   |   |   | 0 |   |   |   |   |   | 1 | 1 |   |
|   |   |   | 1 |   |   |   |   |   |   | 1 | 1 |

32

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
|   |   |   |   |   |   | 0 | 0 |   |   |   |   |
| 0 |   |   |   | 1 | 1 |   | 0 |   |   |   |   |
| 0 |   | 0 |   |   |   |   |   |   |   | 1 |   |
|   | 0 |   | 0 |   |   |   |   |   |   |   |   |
| 1 |   |   | 1 |   |   | 0 |   | 1 |   |   |   |
|   | 0 |   |   |   |   |   |   |   |   | 0 |   |
|   |   | 0 |   |   |   |   |   |   |   |   | 1 |
|   | 0 |   |   |   |   |   |   |   |   |   | 1 |
|   | 0 | 0 |   |   |   |   | 0 |   |   |   |   |
|   |   |   |   | 0 |   |   |   |   | 1 | 1 |   |
|   | 0 |   |   |   |   | 1 |   | 1 |   |   | 1 |
| 1 |   |   |   |   |   | 1 |   |   |   |   |   |

33

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 |   |   | 1 |   |   |   |   |   |   |   |   |
|   |   |   | 1 | 0 | 0 |   |   |   |   |   |   |
|   |   |   |   |   | 0 |   |   |   | 0 |   |   |
|   | 1 |   |   |   |   |   |   |   | 0 | 1 |   |
| 0 |   |   | 1 |   | 0 | 0 |   |   |   |   |   |
|   |   |   |   | 0 | 0 |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   | 1 |   |   |   |   |
| 1 |   |   |   |   |   |   |   |   |   |   | 0 |
|   |   |   |   |   |   |   | 1 |   |   |   |   |
|   | 0 | 0 | 0 |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   | 1 |   |   |   | 1 |
|   | 0 |   |   | 0 |   | 1 |   | 0 |   |   |   |

34

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 |   |   | 0 | 1 | 1 | 0 |   |   |   |   |
|   | 0 |   | 0 |   | 1 |   |   |   |   |   |   |
|   |   | 1 |   |   |   |   | 0 |   |   |   |   |
|   | 1 |   |   |   |   |   |   |   |   |   | 1 |
|   | 1 |   | 0 | 0 |   |   |   |   | 1 | 1 |   |
|   | 0 |   |   |   | 0 |   |   |   | 1 |   |   |
|   |   |   |   | 0 |   |   |   |   |   |   |   |
| 0 |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   | 0 |   |   |   |   |
|   | 1 |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   | 0 |   |   |   |   |   |
|   | 0 |   |   |   |   |   | 0 | 0 |   |   |   |

35

|   |   |   |   |   |   |   |  |   |  |   |   |
|---|---|---|---|---|---|---|--|---|--|---|---|
| 0 |   |   |   |   |   |   |  |   |  |   |   |
| 0 |   |   |   |   |   | 0 |  |   |  |   |   |
|   |   |   | 1 | 1 |   | 0 |  | 1 |  |   |   |
|   |   | 1 |   | 1 |   |   |  | 1 |  | 0 |   |
|   |   | 1 |   |   |   | 1 |  |   |  |   |   |
| 1 |   |   |   |   |   |   |  |   |  |   |   |
|   |   |   |   |   | 0 | 0 |  |   |  |   |   |
|   | 1 |   |   |   | 0 |   |  |   |  |   | 1 |
|   |   | 1 |   |   |   |   |  |   |  |   | 0 |
|   |   | 1 |   | 1 |   |   |  |   |  |   |   |
|   |   |   | 1 |   |   | 0 |  |   |  |   | 0 |
|   |   |   |   | 0 |   |   |  |   |  |   | 0 |

36

|   |   |  |   |   |   |   |   |   |   |  |   |
|---|---|--|---|---|---|---|---|---|---|--|---|
| 1 | 1 |  |   |   |   |   |   | 1 |   |  |   |
| 1 |   |  |   | 1 |   | 1 |   |   |   |  |   |
|   | 0 |  | 0 | 0 |   |   | 0 |   |   |  |   |
| 0 | 0 |  |   |   | 0 |   |   |   |   |  |   |
|   |   |  |   | 1 |   |   |   |   |   |  |   |
|   |   |  |   | 1 |   |   | 0 |   |   |  | 1 |
|   |   |  |   |   | 0 |   |   |   | 0 |  |   |
|   | 1 |  | 0 |   |   |   |   |   |   |  | 1 |
| 0 |   |  | 0 |   |   | 0 |   | 1 |   |  |   |
|   |   |  |   |   | 1 |   |   | 0 |   |  |   |
| 0 |   |  |   |   |   |   |   |   | 1 |  | 1 |

37

|   |   |   |   |   |  |   |   |  |   |   |   |
|---|---|---|---|---|--|---|---|--|---|---|---|
|   | 1 |   |   |   |  |   | 0 |  |   | 1 |   |
|   |   |   | 1 |   |  |   |   |  | 1 |   |   |
|   | 1 |   | 1 | 0 |  |   |   |  |   |   |   |
|   |   |   |   | 0 |  |   | 1 |  |   |   |   |
|   |   |   |   |   |  |   |   |  |   |   |   |
| 1 | 1 |   |   |   |  | 1 |   |  |   | 0 |   |
|   | 1 |   |   |   |  | 1 |   |  | 1 |   | 1 |
|   |   |   |   | 0 |  |   |   |  | 1 |   |   |
|   |   | 0 |   |   |  |   | 0 |  |   |   |   |
| 0 |   | 0 |   |   |  |   |   |  |   | 1 |   |
|   |   |   |   |   |  | 0 |   |  |   |   |   |
| 0 |   |   |   | 0 |  |   | 0 |  |   |   |   |

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|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 |   |   | 1 |   |   | 0 |   |   |
|   |   |   | 1 |   |   |   | 0 | 0 |   |
| 0 | 1 |   |   | 1 | 1 |   | 1 | 1 |   |
|   | 1 |   |   |   |   | 0 | 1 |   |   |
|   | 1 |   |   |   |   |   |   |   |   |
|   | 1 |   |   | 1 | 1 |   |   | 0 |   |
|   |   |   |   |   |   | 0 |   |   |   |
| 1 | 0 | 0 |   | 1 |   |   |   |   |   |
|   |   |   |   |   |   | 1 |   | 0 |   |
|   |   |   |   | 1 | 1 | 1 |   |   |   |
| 0 | 0 | 0 |   |   |   |   |   | 1 | 1 |

39

|   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 |   |   |   |   |   | 1 |   |   | 1 |   |
|   | 0 |   |   |   | 1 |   |   |   |   |   |
|   |   |   |   | 1 |   |   | 0 | 0 |   |   |
|   |   |   | 0 |   |   | 1 |   |   |   |   |
|   | 0 | 0 |   |   |   |   |   |   | 0 |   |
|   |   | 1 |   |   |   |   |   |   |   |   |
|   | 0 |   |   | 0 |   |   | 0 |   |   |   |
| 1 |   |   |   |   | 1 |   | 0 |   |   |   |
|   |   |   |   |   |   | 1 |   |   |   |   |
|   |   |   | 0 |   |   | 1 |   |   |   |   |
| 1 |   |   |   |   |   |   |   |   | 0 | 0 |
|   |   |   | 0 | 0 |   |   |   | 1 | 1 |   |

40



|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 |
| 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 |

1

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |

2

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |

3

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 |
| 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 |
| 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 |
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |
| 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |
| 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |

4

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 |
| 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |
| 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |

5

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |

6

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 |
| 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 |

7

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |

8

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 |
| 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |

9

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 |
| 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |
| 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |

10

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |

11

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 |
| 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 |
| 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 |

12

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 |
| 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 |

13

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |
| 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |

14

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |

15

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 |
| 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |
| 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 |
| 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |
| 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |

16

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |

17

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |

18

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 |

19

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |
| 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |

20

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 |
| 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |

21

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 |
| 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |

22

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |

23

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 |   |

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |

25

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 |
| 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |

26

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 |
| 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |

27

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |
| 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 |

28

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 |
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |
| 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |

29

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 |
| 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 |
| 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 |

30

|   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |
| 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |
| 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 |
| 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |

31

|   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |
| 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 |
| 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 |
| 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 |

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|   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |

33

|   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 |
| 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 |
| 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 |
| 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |

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|   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 |
| 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 |
| 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |

35

|   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 |
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 |
| 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |

36

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 |
| 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 |
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |

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|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 |
| 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |
| 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |
| 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 |

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|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 |
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 |
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 |
| 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |

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|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |
| 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 |

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