

Velika logična pošast



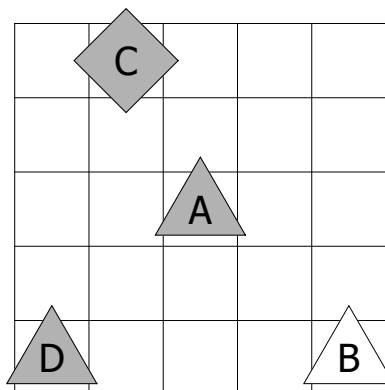
Izračunaj vrednosti izjav

Naloga zahteva, da poiščemo vrednosti izjav v danem svetu.

Pomeni znakov so: ○(bel), ●(siv), □(kvadrat), △(trikotnik),

→(levo od), ←(desno od), ↑(pod), ↓(nad).

1. ○(D) ∨ ¬△(A).
2. △(A) ∧ △(A).
3. ●(B) ⇒ ¬○(D).
4. ¬●(C) ⇔ ¬□(B).
5. △(C) ⇒ ←(B,A).
6. ↓(D,A) ∨ ↑(D,B).
7. □(C) ⇒ ↓(D,C).
8. ↓(B,C) ⇔ □(B).
9. →(D,C) ⇒ ↑(A,D).



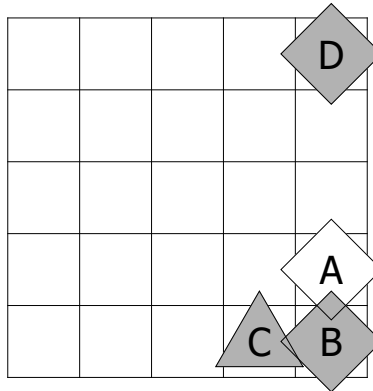
1	2	3	4	5	6	7	8	9

Odgovor :

1	2	3	4	5	6	7	8	9
N	R	R	N	R	N	N	R	N

1.

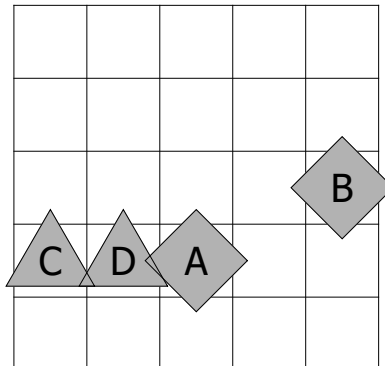
1. $\neg \circ(B) \Leftrightarrow \neg \bullet(A)$.
2. $\square(B) \vee \square(A)$.
3. $\circ(B) \wedge \square(A)$.
4. $\circ(B) \Leftrightarrow \triangle(B)$.
5. $\uparrow(A,B) \perp \leftarrow(C,A)$.
6. $\uparrow(B,D) \wedge \uparrow(A,B)$.
7. $\rightarrow(C,D) \vee \circ(C)$.
8. $\leftarrow(A,C) \Rightarrow \uparrow(C,A)$.



1	2	3	4	5	6	7	8

2.

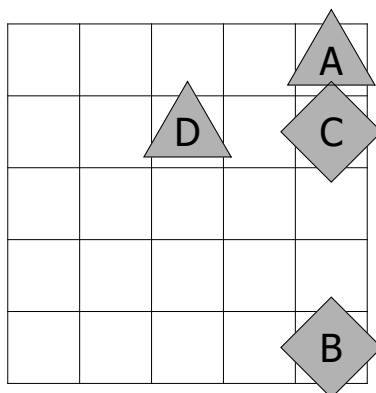
1. $\triangle(D) \vee \neg \circ(C)$.
2. $\neg \circ(C) \wedge \circ(C)$.
3. $\circ(A) \perp \bullet(B)$.
4. $\bullet(D) \wedge \square(A)$.
5. $\square(A) \perp \circ(C)$.
6. $\square(A) \vee \bullet(B)$.
7. $\rightarrow(C,D) \Rightarrow \circ(B)$.
8. $\leftarrow(C,A) \Rightarrow \uparrow(B,D)$.



1	2	3	4	5	6	7	8

3.

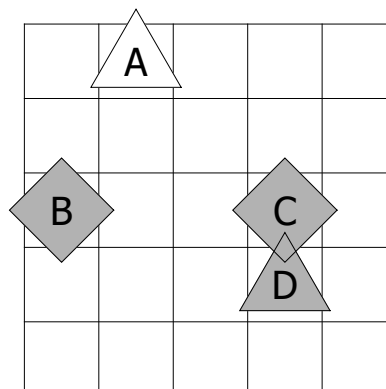
1. $\bigcirc(C) \Leftrightarrow \neg \bigcirc(A)$.
2. $\bigcirc(D) \Leftrightarrow \bigcirc(B)$.
3. $\bigcirc(A) \not\leq \neg \square(D)$.
4. $\triangle(A) \Rightarrow \bigcirc(C)$.
5. $\uparrow(B,A) \Leftrightarrow \leftarrow(A,C)$.
6. $\leftarrow(D,A) \vee \uparrow(B,A)$.
7. $\bigcirc(C) \wedge \rightarrow(B,A)$.
8. $\bigcirc(D) \Leftrightarrow \square(D)$.



1	2	3	4	5	6	7	8

4.

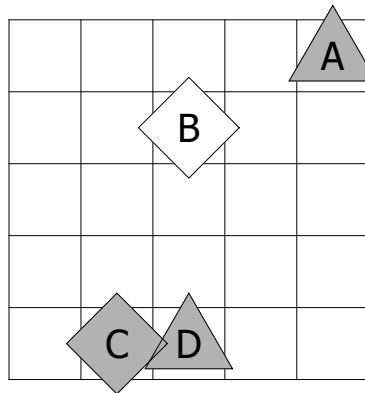
1. $\text{Bel}(B) \wedge \neg \text{siv}(A)$.
2. $\neg \text{kvadrat}(D) \Leftrightarrow \text{kvadrat}(B)$.
3. $\neg \text{siv}(D) \Leftrightarrow \neg \text{trikotnik}(C)$.
4. $\text{Bel}(C) \Leftrightarrow \text{siv}(D)$.
5. $\text{Levo od}(B,A) \not\leq \text{levo od}(D,B)$.
6. $\text{Desno od}(A,B) \vee \text{pod}(A,D)$.
7. $\text{Bel}(D) \wedge \text{trikotnik}(D)$.
8. $\text{Pod}(D,B) \wedge \text{pod}(B,C)$.



1	2	3	4	5	6	7	8

5.

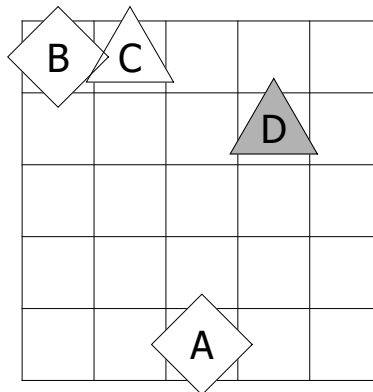
1. $Kvadrat(D) \vee \neg trikotnik(B)$.
2. $Trikotnik(C) \Rightarrow \neg bel(B)$.
3. $Bel(B) \vee \neg trikotnik(B)$.
4. $Bel(D) \vee \neg bel(C)$.
5. $Bel(A) \Leftrightarrow kvadrat(A)$.
6. $Bel(A) \wedge nad(B,C)$.
7. $Desno\ od(D,C) \Leftrightarrow siv(D)$.
8. $Levo\ od(B,D) \vee kvadrat(A)$.



1	2	3	4	5	6	7	8

6.

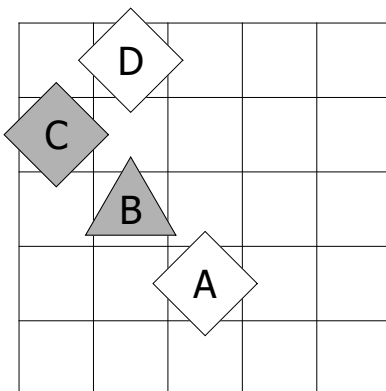
1. $\neg \Delta(C) \wedge \bullet(D)$.
2. $\bullet(C) \vee \neg \bullet(C)$.
3. $\neg \bullet(D) \vee \neg \bullet(D)$.
4. $\neg \square(B) \vee \circ(C)$.
5. $\bullet(A) \wedge \bullet(B)$.
6. $\downarrow(D,A) \vee \downarrow(D,B)$.
7. $\square(A) \vee \uparrow(D,A)$.
8. $\square(D) \Leftrightarrow \bullet(C)$.



1	2	3	4	5	6	7	8

7.

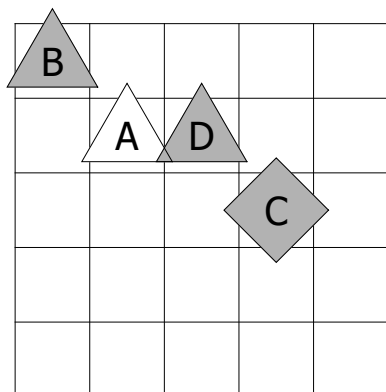
1. $\neg \bigcirc(C) \Rightarrow \square(C)$.
2. $\neg \bigcirc(B) \vee \bigcirc(C)$.
3. $\bigcirc(B) \Rightarrow \neg \Delta(A)$.
4. $\bigcirc(A) \vee \neg \square(D)$.
5. $\square(D) \Downarrow \leftarrow(D,A)$.
6. $\Uparrow(D,A) \wedge \bigcirc(B)$.
7. $\bigcirc(C) \Leftrightarrow \bigcirc(A)$.
8. $\leftarrow(D,C) \wedge \Uparrow(D,C)$.



1	2	3	4	5	6	7	8

8.

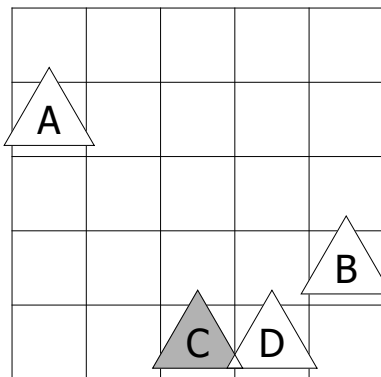
1. $\Delta(C) \Leftrightarrow \Delta(B)$.
2. $\neg \square(C) \wedge \Delta(D)$.
3. $\square(B) \Leftrightarrow \neg \bigcirc(D)$.
4. $\square(D) \Rightarrow \bigcirc(A)$.
5. $\bigcirc(D) \Rightarrow \leftarrow(A,B)$.
6. $\leftarrow(C,A) \Rightarrow \Delta(B)$.
7. $\rightarrow(A,D) \Rightarrow \leftarrow(A,B)$.
8. $\Downarrow(B,A) \Leftrightarrow \Downarrow(C,D)$.



1	2	3	4	5	6	7	8

9.

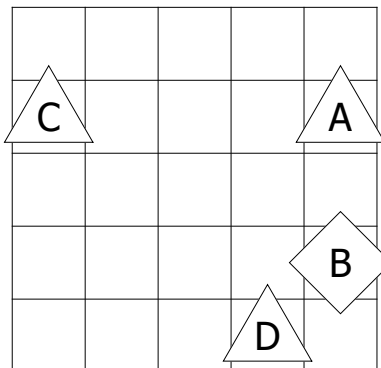
1. $\neg \text{kvadrat}(D) \Rightarrow \text{trikotnik}(D)$.
2. $\text{Siv}(C) \Rightarrow \text{bel}(C)$.
3. $\text{Bel}(A) \wedge \neg \text{trikotnik}(A)$.
4. $\text{Siv}(A) \Rightarrow \neg \text{bel}(A)$.
5. $\text{Siv}(C) \wedge \text{levo od}(A,D)$.
6. $\text{Nad}(C,D) \vee \text{pod}(A,D)$.
7. $\text{Kvadrat}(C) \underline{\vee} \text{kvadrat}(D)$.
8. $\text{Pod}(D,C) \Leftrightarrow \text{kvadrat}(A)$.



1	2	3	4	5	6	7	8

10.

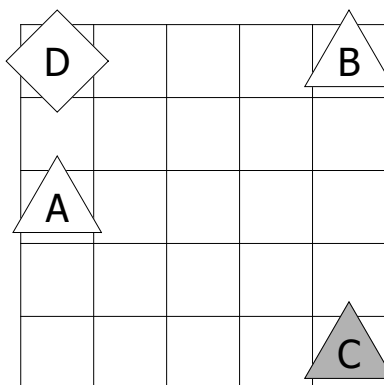
1. $\neg \text{trikotnik}(A) \underline{\vee} \neg \text{kvadrat}(A)$.
2. $\text{Trikotnik}(C) \wedge \neg \text{siv}(A)$.
3. $\neg \text{trikotnik}(B) \underline{\vee} \text{siv}(A)$.
4. $\text{Siv}(A) \vee \text{kvadrat}(A)$.
5. $\text{Nad}(B,C) \vee \text{nad}(D,B)$.
6. $\text{Siv}(D) \Rightarrow \text{bel}(D)$.
7. $\text{Pod}(A,B) \vee \text{siv}(D)$.
8. $\text{Pod}(C,A) \Rightarrow \text{nad}(B,A)$.



1	2	3	4	5	6	7	8

11.

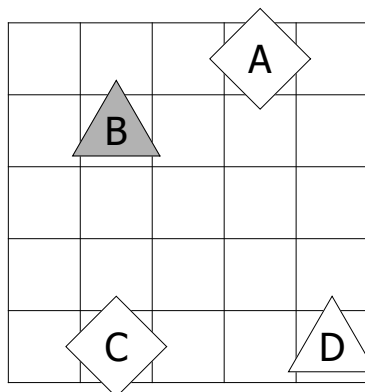
1. $\neg \text{siv}(B) \Leftrightarrow \neg \text{kvadrat}(B)$.
2. $\text{Trikotnik}(C) \wedge \neg \text{siv}(C)$.
3. $\text{Trikotnik}(B) \vee \text{siv}(D)$.
4. $\text{Bel}(D) \vee \text{kvadrat}(D)$.
5. $\text{Siv}(B) \Leftrightarrow \text{nad}(A,D)$.
6. $\text{Kvadrat}(A) \Leftrightarrow \text{kvadrat}(C)$.
7. $\text{Pod}(B,C) \underline{\vee} \text{kvadrat}(B)$.
8. $\text{Kvadrat}(D) \Rightarrow \text{kvadrat}(D)$.



1	2	3	4	5	6	7	8

12.

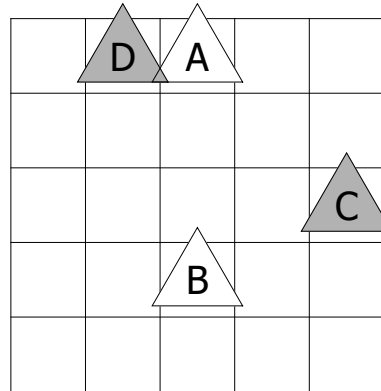
1. $\text{Trikotnik}(B) \wedge \text{trikotnik}(D)$.
2. $\text{Trikotnik}(C) \Rightarrow \neg \text{siv}(D)$.
3. $\text{Trikotnik}(D) \Leftrightarrow \text{kvadrat}(D)$.
4. $\neg \text{siv}(C) \underline{\vee} \text{bel}(B)$.
5. $\text{Nad}(A,D) \Leftrightarrow \text{nad}(C,B)$.
6. $\text{Kvadrat}(C) \wedge \text{siv}(D)$.
7. $\text{Trikotnik}(D) \wedge \text{nad}(B,A)$.
8. $\text{Siv}(A) \underline{\vee} \text{levo od}(C,A)$.



1	2	3	4	5	6	7	8

13.

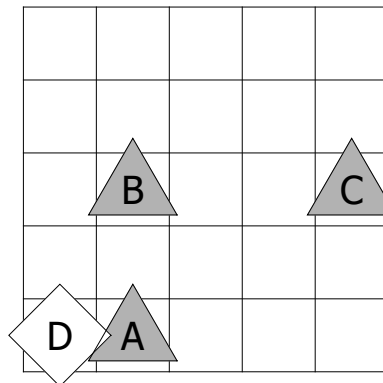
1. $\neg \text{bel}(A) \vee \text{siv}(A)$.
2. $\neg \text{bel}(A) \Leftrightarrow \neg \text{kvadrat}(B)$.
3. $\text{Kvadrat}(B) \wedge \neg \text{kvadrat}(A)$.
4. $\neg \text{trikotnik}(D) \wedge \text{kvadrat}(B)$.
5. $\text{Kvadrat}(C) \Leftrightarrow \text{desno od}(D,B)$.
6. $\text{Siv}(A) \Leftrightarrow \text{trikotnik}(C)$.
7. $\text{Bel}(C) \Leftrightarrow \text{trikotnik}(D)$.
8. $\text{Bel}(C) \Leftrightarrow \text{levo od}(C,D)$.



1	2	3	4	5	6	7	8

14.

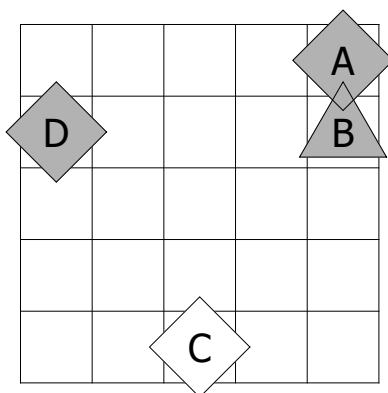
1. $\neg \text{kvadrat}(A) \wedge \text{bel}(A)$.
2. $\neg \text{kvadrat}(C) \vee \text{trikotnik}(D)$.
3. $\neg \text{kvadrat}(A) \wedge \text{trikotnik}(A)$.
4. $\neg \text{trikotnik}(A) \vee \neg \text{bel}(D)$.
5. $\text{Bel}(C) \wedge \text{siv}(D)$.
6. $\text{Levo od}(C,D) \wedge \text{siv}(C)$.
7. $\text{Kvadrat}(C) \Leftrightarrow \text{siv}(C)$.
8. $\text{Kvadrat}(D) \vee \text{nad}(D,B)$.



1	2	3	4	5	6	7	8

15.

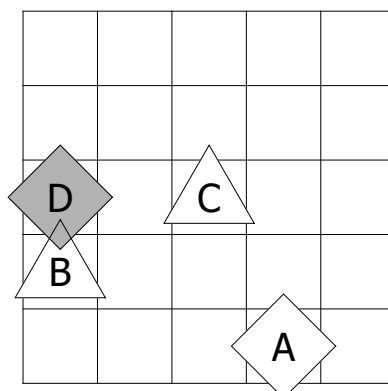
1. $\odot(D) \wedge \triangle(A)$.
2. $\odot(B) \vee \circ(A)$.
3. $\neg \odot(B) \Leftrightarrow \neg \square(B)$.
4. $\square(B) \wedge \square(D)$.
5. $\square(A) \Rightarrow \uparrow(B,A)$.
6. $\circ(D) \wedge \triangle(D)$.
7. $\square(D) \Rightarrow \downarrow(D,B)$.
8. $\rightarrow(B,D) \vee \leftarrow(A,B)$.



1	2	3	4	5	6	7	8

16.

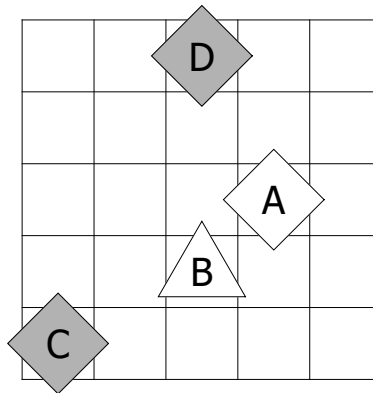
1. $\neg \text{siv}(D) \Rightarrow \text{siv}(D)$.
2. $\neg \text{siv}(D) \perp \text{trikotnik}(B)$.
3. $\text{Siv}(A) \Rightarrow \neg \text{bel}(B)$.
4. $\neg \text{bel}(A) \Leftrightarrow \text{kvadrat}(C)$.
5. $\text{Siv}(C) \Leftrightarrow \text{desno od}(C,D)$.
6. $\text{Pod}(C,A) \Leftrightarrow \text{nad}(C,B)$.
7. $\text{Nad}(B,A) \Rightarrow \text{levo od}(A,B)$.
8. $\text{Pod}(A,B) \wedge \text{trikotnik}(A)$.



1	2	3	4	5	6	7	8

17.

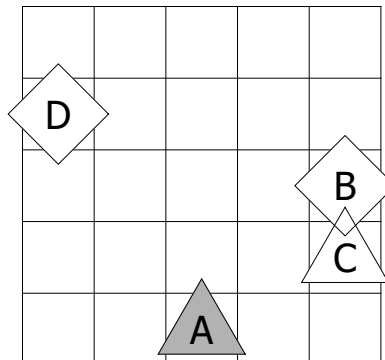
1. $\neg\Delta(D) \vee \neg\bigcirc(A)$.
2. $\neg\bigcirc(A) \wedge \bigcirc(A)$.
3. $\bigcirc(D) \wedge \neg\Delta(A)$.
4. $\Box(B) \underline{\vee} \neg\Box(B)$.
5. $\bigcirc(D) \vee \uparrow(C,A)$.
6. $\uparrow(A,B) \underline{\vee} \rightarrow(B,C)$.
7. $\Delta(B) \underline{\vee} \bigcirc(B)$.
8. $\rightarrow(D,B) \Leftrightarrow \downarrow(C,A)$.



1	2	3	4	5	6	7	8

18.

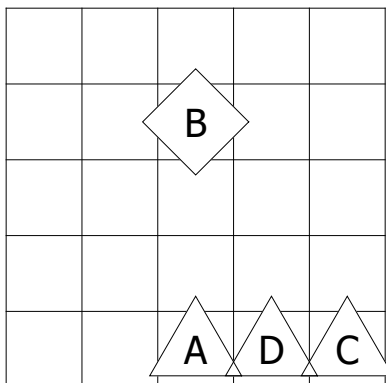
1. $\Delta(C) \underline{\vee} \neg\bigcirc(B)$.
2. $\neg\Box(D) \wedge \bigcirc(B)$.
3. $\neg\Delta(B) \Rightarrow \neg\Box(B)$.
4. $\Delta(C) \vee \neg\bigcirc(D)$.
5. $\Delta(C) \wedge \bigcirc(B)$.
6. $\downarrow(C,A) \Rightarrow \rightarrow(A,D)$.
7. $\bigcirc(D) \Rightarrow \rightarrow(A,B)$.
8. $\Delta(A) \Leftrightarrow \bigcirc(B)$.



1	2	3	4	5	6	7	8

19.

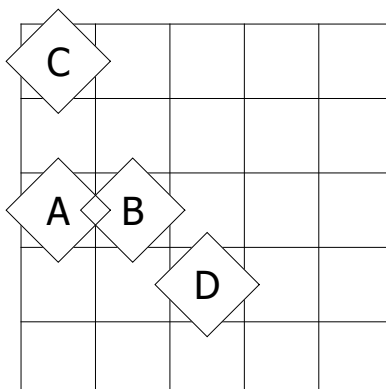
1. $\Box(C) \wedge \Delta(C)$.
2. $\neg \bigcirc(B) \wedge \neg \Delta(B)$.
3. $\bigcirc(C) \Rightarrow \neg \bigcirc(D)$.
4. $\neg \bigcirc(B) \Rightarrow \neg \Box(A)$.
5. $\rightarrow(B,A) \Rightarrow \bigcirc(A)$.
6. $\leftarrow(C,A) \vee \bigcirc(A)$.
7. $\bigcirc(B) \Leftrightarrow \bar{\uparrow}(D,C)$.
8. $\bigcirc(C) \Leftrightarrow \leftarrow(C,D)$.



1	2	3	4	5	6	7	8

20.

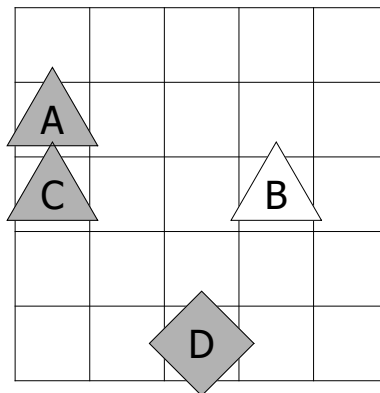
1. $\bigcirc(B) \wedge \bigcirc(C)$.
2. $\bigcirc(D) \vee \neg \bigcirc(B)$.
3. $\Box(D) \wedge \bigcirc(D)$.
4. $\neg \Box(B) \wedge \bigcirc(A)$.
5. $\Delta(A) \Rightarrow \Box(C)$.
6. $\Delta(D) \Rightarrow \Box(A)$.
7. $\bigcirc(C) \Rightarrow \rightarrow(C,D)$.
8. $\bigcirc(C) \underline{\vee} \bar{\uparrow}(C,B)$.



1	2	3	4	5	6	7	8

21.

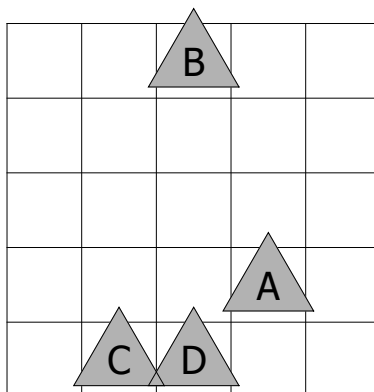
1. $\neg \text{kvadrat}(B) \Rightarrow \neg \text{trikotnik}(C)$.
2. $\text{Trikotnik}(B) \wedge \neg \text{bel}(D)$.
3. $\neg \text{kvadrat}(C) \vee \neg \text{bel}(A)$.
4. $\text{Kvadrat}(C) \Rightarrow \neg \text{siv}(D)$.
5. $\text{Bel}(A) \Leftrightarrow \text{desno od}(C,B)$.
6. $\text{Levo od}(A,B) \Rightarrow \text{pod}(A,D)$.
7. $\text{Bel}(D) \wedge \text{siv}(B)$.
8. $\text{Kvadrat}(D) \Rightarrow \text{trikotnik}(C)$.



1	2	3	4	5	6	7	8

22.

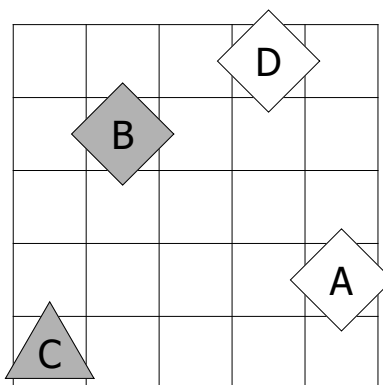
1. $\neg \circ(A) \Rightarrow \neg \bullet(D)$.
2. $\neg \square(C) \Leftrightarrow \bullet(C)$.
3. $\square(D) \vee \circ(A)$.
4. $\neg \square(A) \Rightarrow \neg \triangle(B)$.
5. $\triangle(C) \Rightarrow \uparrow(D,C)$.
6. $\square(D) \Rightarrow \uparrow(C,D)$.
7. $\downarrow(B,D) \Leftrightarrow \square(A)$.
8. $\downarrow(D,A) \vee \rightarrow(A,B)$.



1	2	3	4	5	6	7	8

23.

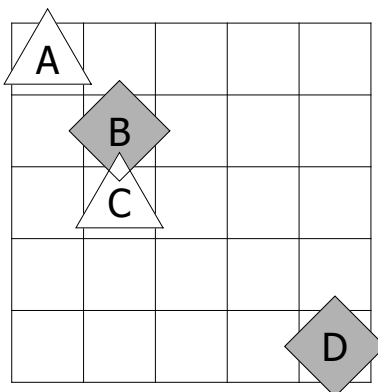
1. $\neg \text{bel}(D) \vee \text{kvadrat}(D)$.
2. $\neg \text{bel}(D) \vee \neg \text{kvadrat}(A)$.
3. $\neg \text{trikotnik}(B) \wedge \neg \text{siv}(B)$.
4. $\text{Bel}(D) \vee \neg \text{kvadrat}(D)$.
5. $\text{Pod}(B,D) \Rightarrow \text{bel}(B)$.
6. $\text{Bel}(D) \wedge \text{trikotnik}(B)$.
7. $\text{Desno od}(D,B) \vee \text{bel}(D)$.
8. $\text{Kvadrat}(D) \vee \text{siv}(B)$.



1	2	3	4	5	6	7	8

24.

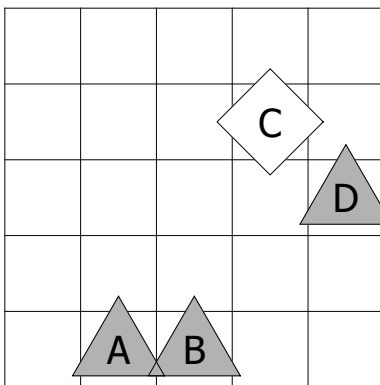
1. $\neg \circ(D) \vee \neg \circ(B)$.
2. $\neg \Delta(C) \wedge \neg \odot(D)$.
3. $\neg \circ(C) \Rightarrow \Delta(B)$.
4. $\odot(D) \vee \neg \Delta(A)$.
5. $\uparrow(B,D) \vee \downarrow(A,B)$.
6. $\leftarrow(B,C) \wedge \odot(C)$.
7. $\downarrow(B,C) \wedge \circ(A)$.
8. $\odot(C) \wedge \downarrow(B,C)$.



1	2	3	4	5	6	7	8

25.

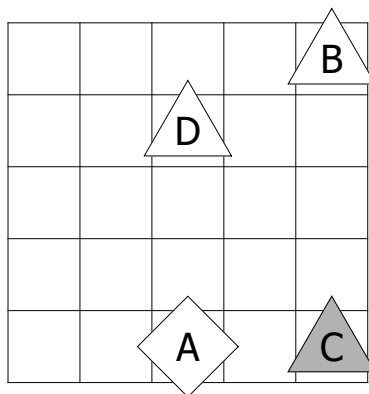
1. $\neg \text{bel}(D) \Leftrightarrow \text{siv}(C)$.
2. $\neg \text{siv}(B) \vee \text{trikotnik}(D)$.
3. $\text{Kvadrat}(D) \Rightarrow \text{trikotnik}(A)$.
4. $\text{Bel}(A) \vee \neg \text{siv}(D)$.
5. $\text{Pod}(A,D) \Rightarrow \text{levo od}(A,C)$.
6. $\text{Trikotnik}(C) \Leftrightarrow \text{pod}(A,B)$.
7. $\text{Nad}(D,B) \Rightarrow \text{levo od}(D,C)$.
8. $\text{Levo od}(C,A) \vee \text{desno od}(A,D)$.



1	2	3	4	5	6	7	8

26.

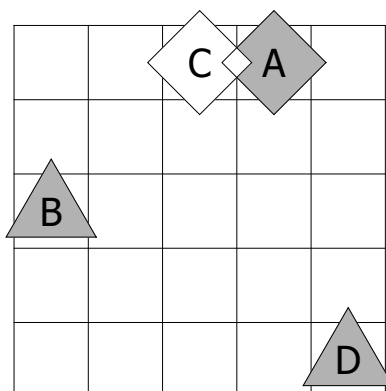
1. $\square(B) \vee \neg \bullet(B)$.
2. $\square(C) \Rightarrow \circ(B)$.
3. $\bullet(A) \Rightarrow \neg \triangle(C)$.
4. $\triangle(A) \Rightarrow \neg \bullet(D)$.
5. $\circ(D) \vee \bullet(B)$.
6. $\leftarrow(C,D) \vee \bullet(D)$.
7. $\rightarrow(D,C) \wedge \leftarrow(B,D)$.
8. $\bullet(B) \Rightarrow \uparrow(A,D)$.



1	2	3	4	5	6	7	8

27.

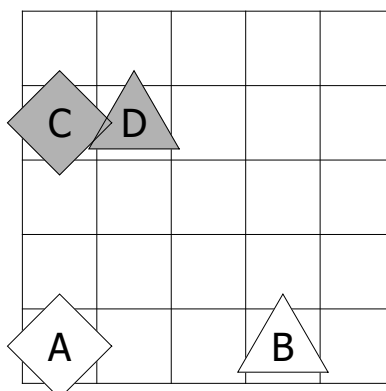
1. $\Delta(D) \underline{\vee} \square(B)$.
2. $\neg\square(A) \underline{\vee} \neg\square(C)$.
3. $\bigcirc(D) \Leftrightarrow \neg\bigcirc(D)$.
4. $\square(D) \vee \bigcirc(C)$.
5. $\rightarrow(B,C) \vee \leftarrow(C,A)$.
6. $\Delta(D) \Rightarrow \bigcirc(D)$.
7. $\downarrow(B,C) \vee \bigcirc(B)$.
8. $\square(A) \Rightarrow \downarrow(C,D)$.



1	2	3	4	5	6	7	8

28.

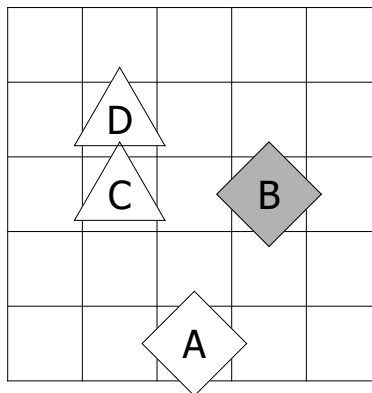
1. $\text{Bel}(A) \wedge \text{trikotnik}(A)$.
2. $\text{Siv}(C) \Leftrightarrow \text{trikotnik}(A)$.
3. $\neg\text{bel}(C) \vee \neg\text{bel}(B)$.
4. $\text{Siv}(C) \underline{\vee} \neg\text{bel}(A)$.
5. $\text{Pod}(D,B) \Leftrightarrow \text{bel}(C)$.
6. $\text{Pod}(C,A) \vee \text{pod}(A,B)$.
7. $\text{Siv}(A) \vee \text{pod}(B,A)$.
8. $\text{Bel}(B) \Rightarrow \text{levo od}(A,D)$.



1	2	3	4	5	6	7	8

29.

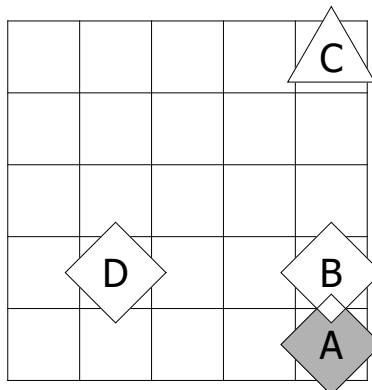
1. Bel(A) $\underline{\vee}$ kvadrat(D).
2. Siv(B) \Leftrightarrow siv(D).
3. \neg trikotnik(B) \Rightarrow kvadrat(A).
4. \neg kvadrat(A) $\underline{\vee}$ siv(A).
5. Kvadrat(D) \Rightarrow pod(A,D).
6. Bel(A) $\underline{\vee}$ levo od(C,A).
7. Kvadrat(D) \vee kvadrat(C).
8. Trikotnik(A) \Rightarrow pod(A,D).



1	2	3	4	5	6	7	8

30.

1. $\Delta(A) \Leftrightarrow \circ(D)$.
2. $\neg \square(B) \underline{\vee} \neg \square(A)$.
3. $\Delta(A) \Rightarrow \circ(C)$.
4. $\circ(C) \Rightarrow \neg \Delta(C)$.
5. $\circ(C) \Rightarrow \bullet(B)$.
6. $\rightarrow(C,D) \vee \Delta(B)$.
7. $\square(D) \underline{\vee} \uparrow(A,C)$.
8. $\downarrow(A,B) \underline{\vee} \uparrow(D,B)$.

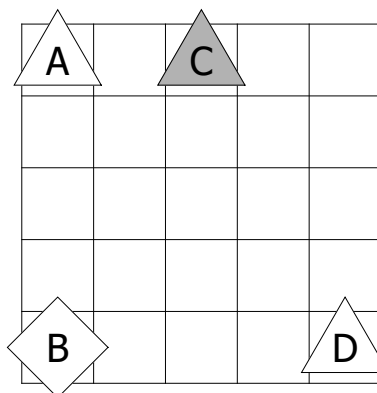


1	2	3	4	5	6	7	8

31.

1. $\text{Kvadrat}(B) \Rightarrow \text{trikotnik}(B)$.
2. $\neg \text{kvadrat}(D) \vee \text{trikotnik}(B)$.
3. $\neg \text{kvadrat}(B) \vee \neg \text{bel}(A)$.
4. $\neg \text{bel}(A) \vee \neg \text{trikotnik}(C)$.
5. $\text{Trikotnik}(D) \Leftrightarrow \text{levo od}(D,C)$.
6. $\text{Kvadrat}(D) \vee \text{pod}(D,A)$.
7. $\text{Kvadrat}(C) \vee \text{pod}(D,B)$.
8. $\text{Levo od}(B,D) \Leftrightarrow \text{desno od}(C,B)$.

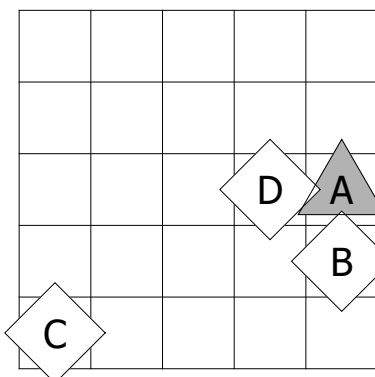
1	2	3	4	5	6	7	8



32.

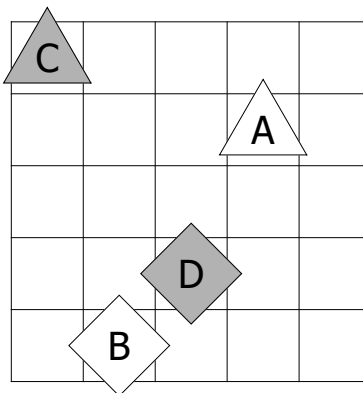
1. $\text{Kvadrat}(B) \wedge \neg \text{trikotnik}(B)$.
2. $\neg \text{kvadrat}(B) \vee \neg \text{kvadrat}(A)$.
3. $\neg \text{kvadrat}(C) \wedge \neg \text{bel}(C)$.
4. $\text{Trikotnik}(D) \Leftrightarrow \text{bel}(C)$.
5. $\text{Levo od}(B,C) \vee \text{desno od}(A,D)$.
6. $\text{Pod}(A,C) \Leftrightarrow \text{nad}(D,A)$.
7. $\text{Kvadrat}(D) \wedge \text{kvadrat}(C)$.
8. $\text{Nad}(C,B) \Rightarrow \text{trikotnik}(B)$.

1	2	3	4	5	6	7	8



33.

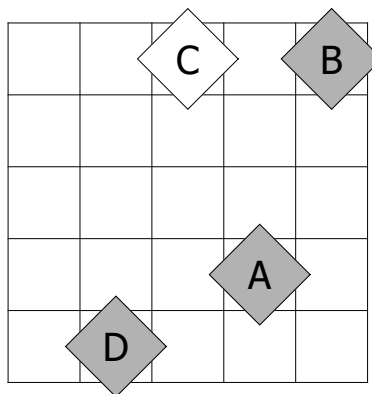
1. $\neg \text{kvadrat}(C) \Leftrightarrow \neg \text{bel}(C)$.
2. $\neg \text{kvadrat}(D) \vee \text{bel}(B)$.
3. $\text{Siv}(A) \Leftrightarrow \neg \text{bel}(C)$.
4. $\neg \text{kvadrat}(B) \wedge \neg \text{kvadrat}(B)$.
5. $\text{Siv}(C) \Leftrightarrow \text{desno od}(B,D)$.
6. $\text{Siv}(A) \wedge \text{trikotnik}(A)$.
7. $\text{Nad}(C,B) \vee \text{trikotnik}(B)$.
8. $\text{Pod}(D,C) \Leftrightarrow \text{nad}(D,B)$.



1	2	3	4	5	6	7	8

34.

1. $\neg \text{kvadrat}(B) \Rightarrow \text{kvadrat}(D)$.
2. $\text{Kvadrat}(B) \Rightarrow \neg \text{trikotnik}(D)$.
3. $\text{Trikotnik}(B) \wedge \text{kvadrat}(D)$.
4. $\text{Siv}(B) \vee \text{bel}(A)$.
5. $\text{Kvadrat}(B) \vee \text{bel}(B)$.
6. $\text{Trikotnik}(B) \Rightarrow \text{desno od}(C,B)$.
7. $\text{Siv}(D) \wedge \text{siv}(D)$.
8. $\text{Trikotnik}(D) \wedge \text{nad}(B,C)$.

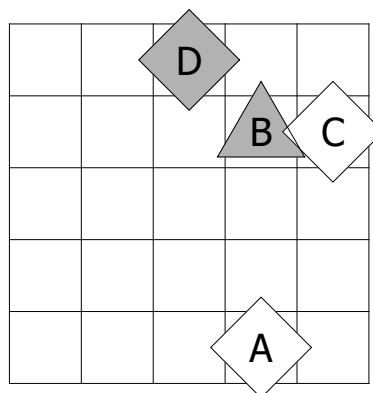


1	2	3	4	5	6	7	8

35.

1. $\neg \text{bel}(C) \Rightarrow \text{kvadrat}(C)$.
2. $\neg \text{kvadrat}(A) \vee \text{siv}(C)$.
3. $\neg \text{trikotnik}(B) \Rightarrow \neg \text{kvadrat}(B)$.
4. $\text{Trikotnik}(B) \underline{\vee} \neg \text{kvadrat}(B)$.
5. $\text{Bel}(C) \underline{\vee}$ desno od(C,A).
6. $\text{Kvadrat}(A) \underline{\vee}$ kvadrat(D).
7. $\text{Siv}(B) \underline{\vee}$ bel(A).
8. $\text{Desno od}(A,C) \Rightarrow \text{trikotnik}(C)$.

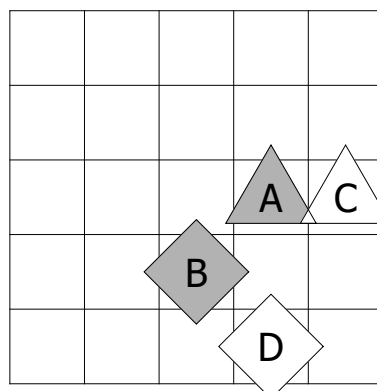
1	2	3	4	5	6	7	8



36.

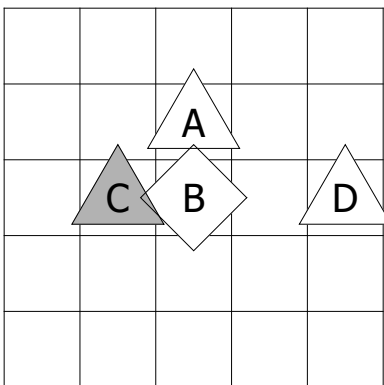
1. $\neg \text{siv}(B) \Leftrightarrow \neg \text{trikotnik}(D)$.
2. $\neg \text{siv}(D) \vee \text{kvadrat}(B)$.
3. $\neg \text{bel}(B) \underline{\vee} \neg \text{trikotnik}(A)$.
4. $\text{Bel}(C) \wedge \text{kvadrat}(D)$.
5. $\text{Levo od}(C,D) \Leftrightarrow \text{siv}(A)$.
6. $\text{Trikotnik}(D) \vee$ desno od(D,B).
7. $\text{Trikotnik}(B) \underline{\vee}$ nad(A,C).
8. $\text{Siv}(D) \vee$ pod(D,B).

1	2	3	4	5	6	7	8



37.

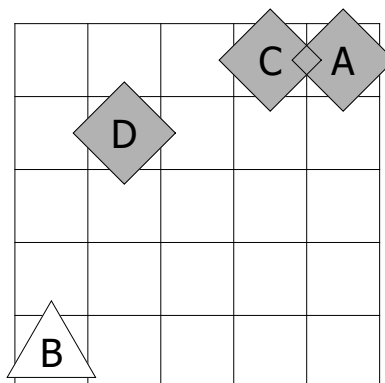
1. $\circ(A) \wedge \neg \square(B)$.
2. $\neg \square(C) \Rightarrow \neg \circ(B)$.
3. $\neg \triangle(B) \wedge \circ(D)$.
4. $\neg \triangle(A) \vee \neg \circ(B)$.
5. $\circ(D) \Leftrightarrow \triangle(D)$.
6. $\rightarrow(D,B) \vee \rightarrow(A,D)$.
7. $\uparrow(B,A) \Leftrightarrow \rightarrow(D,C)$.
8. $\uparrow(A,C) \Leftrightarrow \leftarrow(D,B)$.



1	2	3	4	5	6	7	8

38.

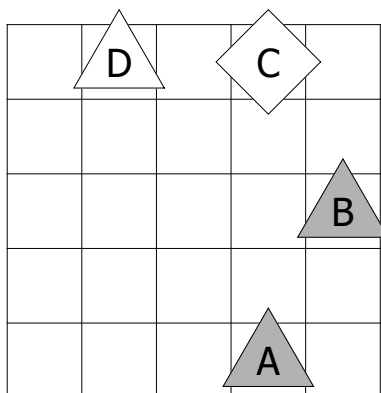
1. $\text{Bel}(A) \wedge \text{bel}(A)$.
2. $\text{Bel}(A) \underline{\vee} \neg \text{siv}(D)$.
3. $\text{Kvadrat}(B) \underline{\vee} \neg \text{kvadrat}(C)$.
4. $\text{Kvadrat}(C) \vee \text{siv}(A)$.
5. $\text{Nad}(B,A) \vee \text{trikotnik}(D)$.
6. $\text{Desno od}(B,A) \wedge \text{trikotnik}(C)$.
7. $\text{Trikotnik}(B) \Rightarrow \text{bel}(C)$.
8. $\text{Kvadrat}(B) \underline{\vee} \text{nad}(D,A)$.



1	2	3	4	5	6	7	8

39.

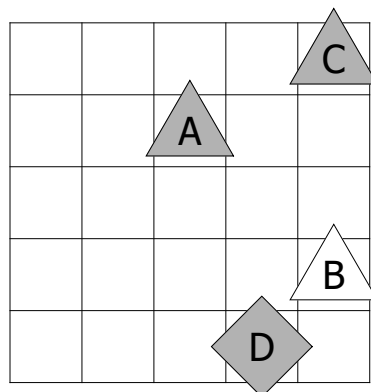
1. $\Delta(D) \Rightarrow \Box(C)$.
2. $\Delta(A) \wedge \neg \bigcirc(B)$.
3. $\bigcirc(D) \vee \neg \bigcirc(C)$.
4. $\neg \bigcirc(C) \Rightarrow \neg \bigcirc(B)$.
5. $\downarrow(D,B) \vee \Box(B)$.
6. $\uparrow(A,B) \vee \rightarrow(D,C)$.
7. $\Delta(D) \vee \bigcirc(D)$.
8. $\rightarrow(C,B) \Rightarrow \uparrow(B,A)$.



1	2	3	4	5	6	7	8

40.

1. $\Delta(A) \wedge \Delta(A)$.
2. $\bigcirc(A) \wedge \bigcirc(D)$.
3. $\bigcirc(B) \Leftrightarrow \bigcirc(D)$.
4. $\neg \bigcirc(A) \Rightarrow \neg \bigcirc(D)$.
5. $\Delta(A) \wedge \bigcirc(B)$.
6. $\leftarrow(C,D) \Rightarrow \rightarrow(A,D)$.
7. $\Box(B) \wedge \uparrow(D,A)$.
8. $\uparrow(D,B) \Leftrightarrow \bigcirc(B)$.



1	2	3	4	5	6	7	8

1.

1	2	3	4	5	6	7	8
R	R	N	R	N	N	R	R

2.

1	2	3	4	5	6	7	8
R	N	R	R	R	R	N	R

3.

1	2	3	4	5	6	7	8
R	R	R	R	N	R	N	N

4.

1	2	3	4	5	6	7	8
N	R	N	N	R	R	N	N

5.

1	2	3	4	5	6	7	8
R	R	R	R	R	N	R	N

6.

1	2	3	4	5	6	7	8
N	R	N	R	N	R	R	R

7.

1	2	3	4	5	6	7	8
R	R	R	R	R	N	R	N

8.

1	2	3	4	5	6	7	8
N	N	N	R	R	R	R	N

9.

1	2	3	4	5	6	7	8
R	N	N	R	R	N	N	R

10.

1	2	3	4	5	6	7	8
R	R	R	N	N	R	N	R

11.

1	2	3	4	5	6	7	8
R	N	R	R	R	R	N	R

12.

1	2	3	4	5	6	7	8
R	R	N	R	N	N	N	R

13.

1	2	3	4	5	6	7	8
N	N	N	N	R	N	N	R

14.

1	2	3	4	5	6	7	8
N	R	R	N	N	N	N	R

15.

1	2	3	4	5	6	7	8
N	R	N	N	R	N	N	N

16.

1	2	3	4	5	6	7	8
R	R	R	R	N	N	N	N

17.

1	2	3	4	5	6	7	8
R	N	R	R	R	N	N	R

18.

1	2	3	4	5	6	7	8
R	N	N	R	R	N	R	N

19.

1	2	3	4	5	6	7	8
N	R	R	R	R	R	N	R

20.

1	2	3	4	5	6	7	8
N	N	N	N	R	R	R	N

21.

1	2	3	4	5	6	7	8
N	R	R	R	R	N	N	R

22.

1	2	3	4	5	6	7	8
N	R	N	N	N	R	N	N

23.

1	2	3	4	5	6	7	8
R	N	N	R	N	N	R	R

24.

1	2	3	4	5	6	7	8
R	N	R	R	R	N	R	N

25.

1	2	3	4	5	6	7	8
N	R	R	N	R	R	N	N

26.

1	2	3	4	5	6	7	8
R	R	R	R	R	R	R	R

27.

1	2	3	4	5	6	7	8
R	N	N	N	R	N	R	R

28.

1	2	3	4	5	6	7	8
N	N	R	R	R	N	N	R

29.

1	2	3	4	5	6	7	8
R	N	R	N	R	N	N	R

30.

1	2	3	4	5	6	7	8
N	N	R	N	N	N	N	N

31.

1	2	3	4	5	6	7	8
N	R	N	N	N	R	N	R

32.

1	2	3	4	5	6	7	8
R	R	N	N	R	R	R	R

33.

1	2	3	4	5	6	7	8
R	R	N	N	N	N	R	R

34.

1	2	3	4	5	6	7	8
R	R	N	R	R	R	R	N

35.

1	2	3	4	5	6	7	8
R	N	R	N	N	N	N	R

36.

1	2	3	4	5	6	7	8
N	R	R	R	N	R	N	R

37.

1	2	3	4	5	6	7	8
N	N	R	R	R	R	N	N

38.

1	2	3	4	5	6	7	8
N	N	N	R	N	N	N	N

39.

1	2	3	4	5	6	7	8
R	N	R	R	R	N	R	N

40.

1	2	3	4	5	6	7	8
R	N	N	R	R	R	N	N

Referenca : "from the Wolfram Demonstrations

Project\<http://demonstrations.wolfram.com/PropositionalLogicTest/Contributed>

by:Izidor Hafner\
Based on work by:Jon Barwise
and John Etchemendy" "Propositional Logic Test"