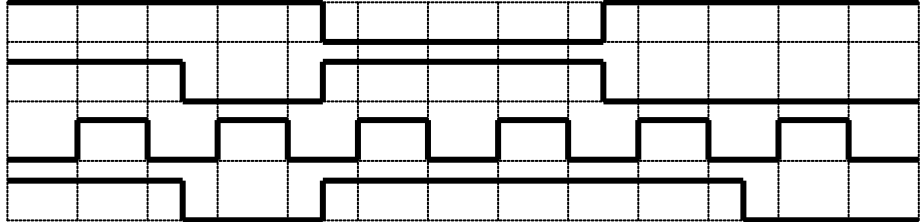
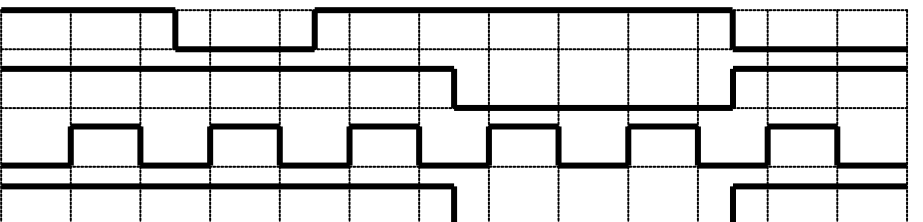
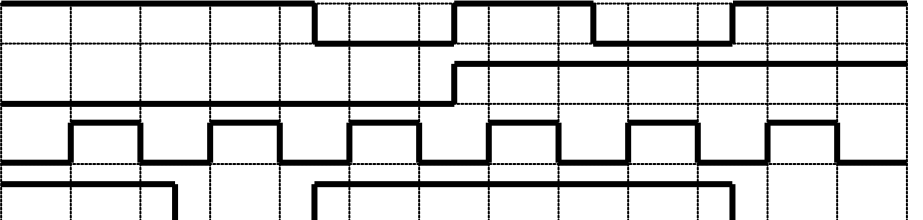
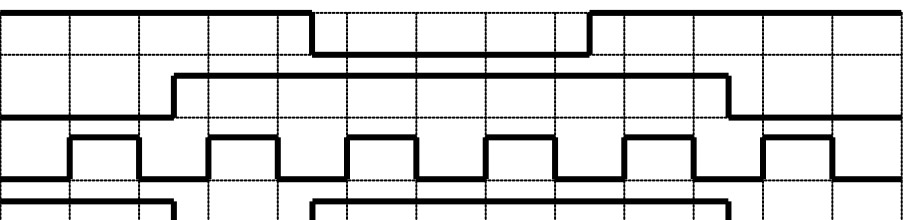
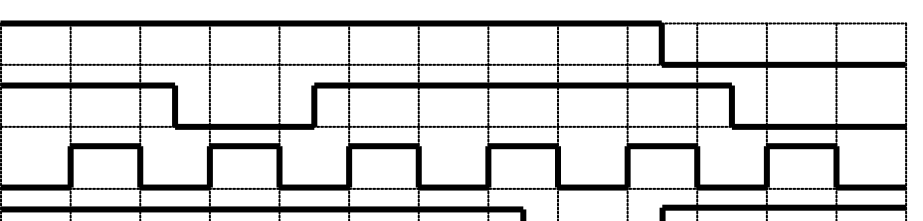
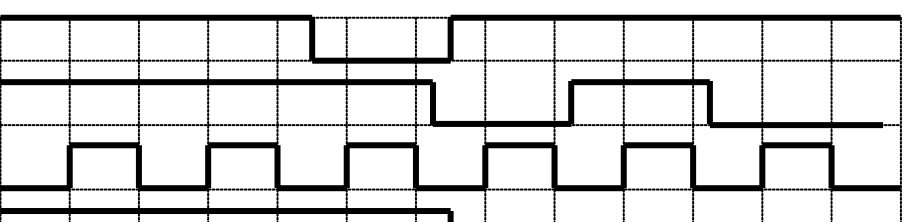
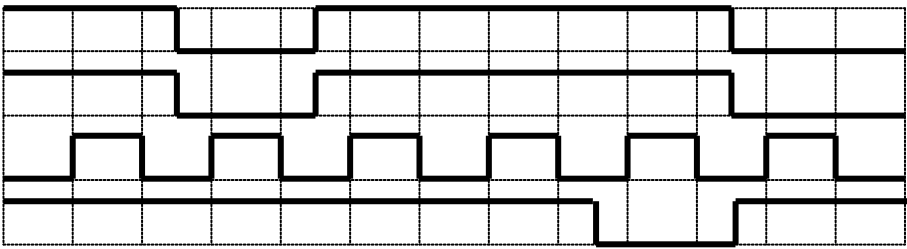
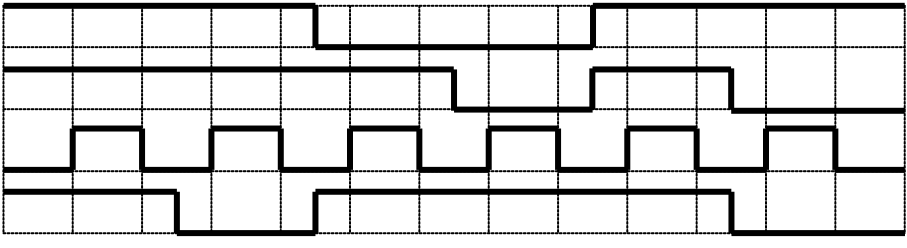
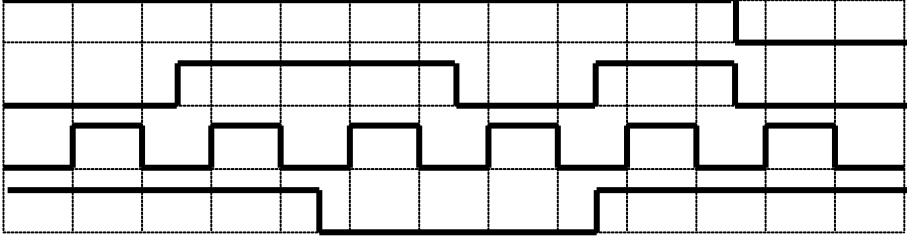
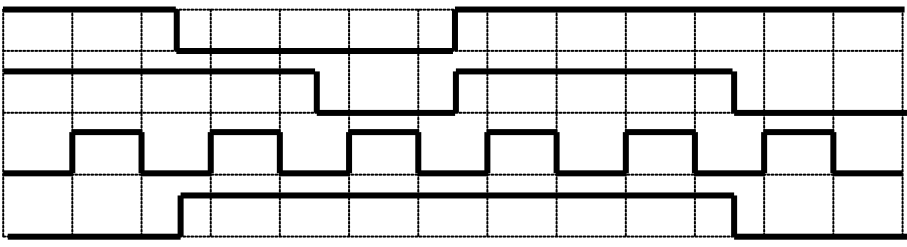
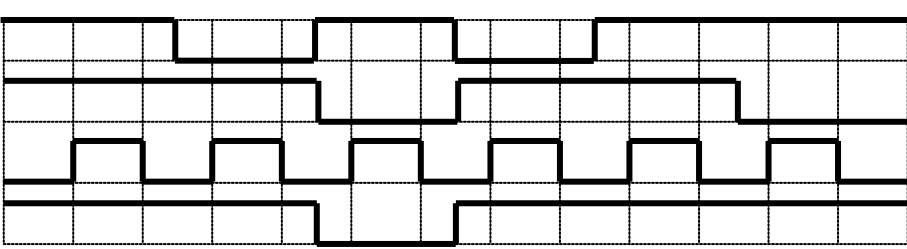
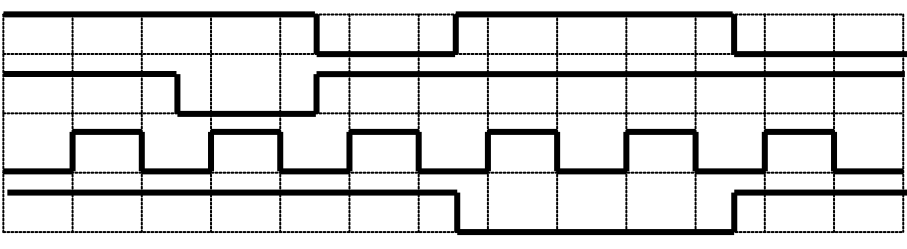
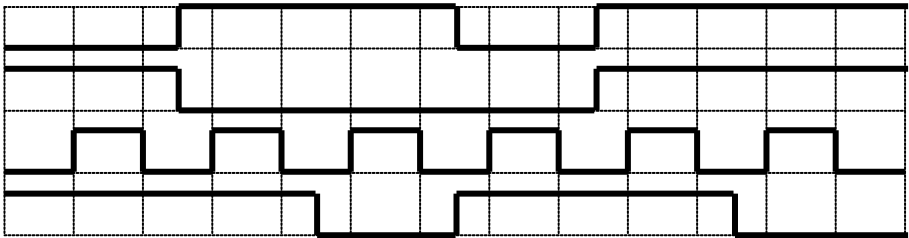
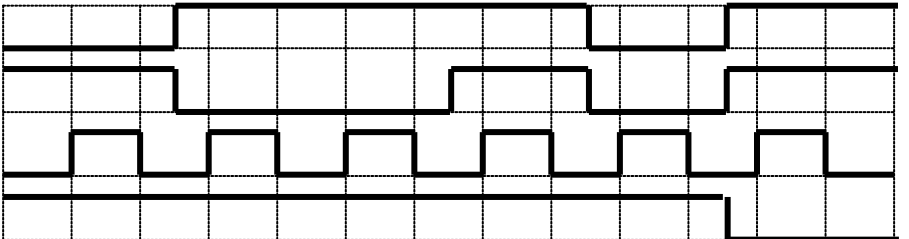
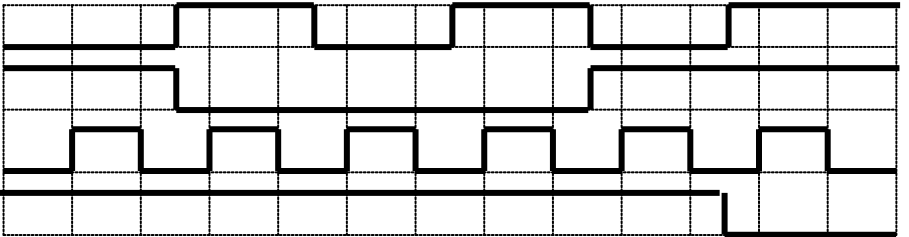
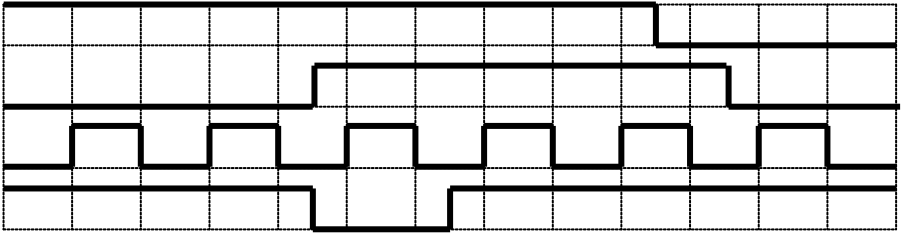
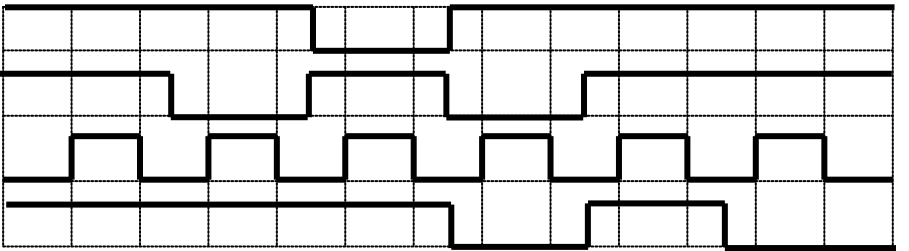
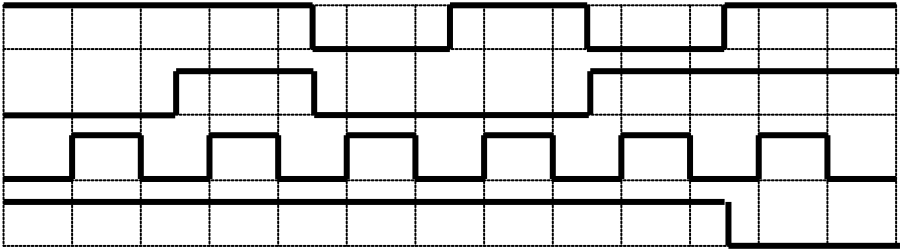
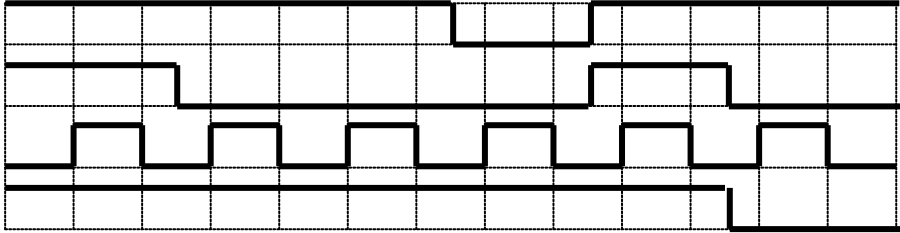
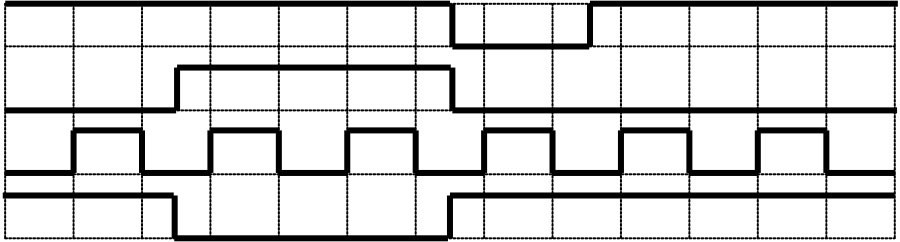
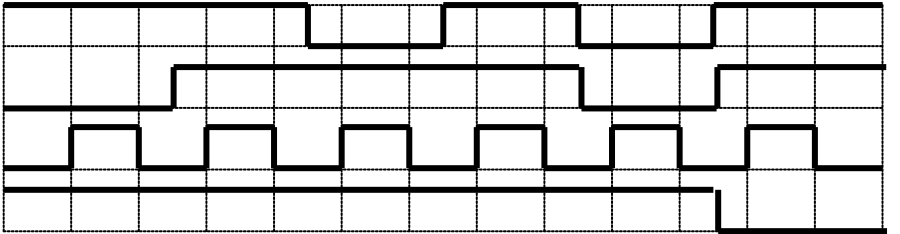
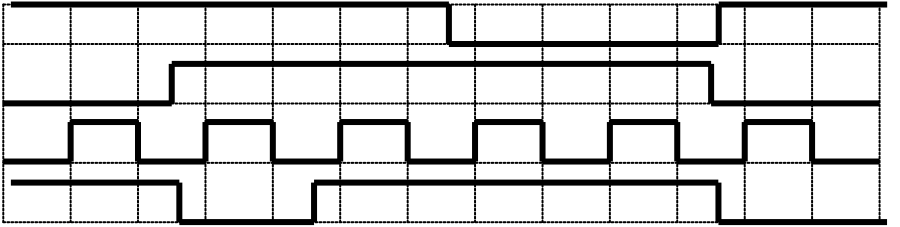
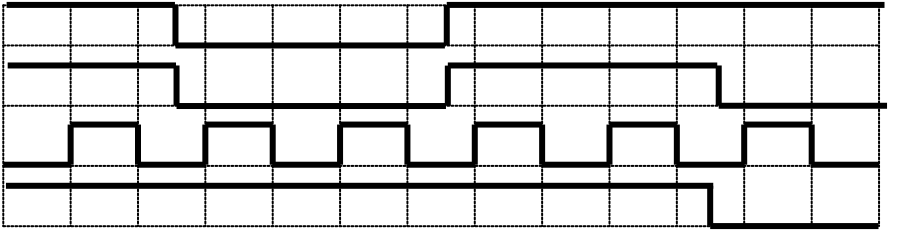
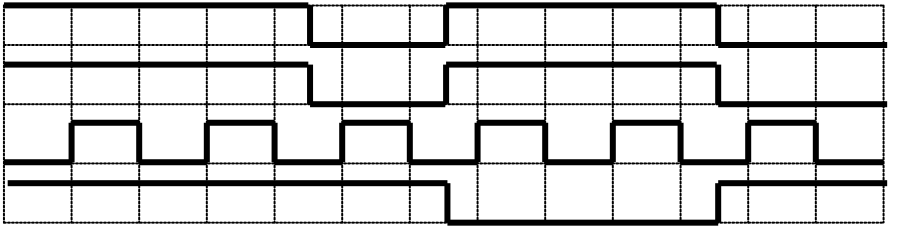


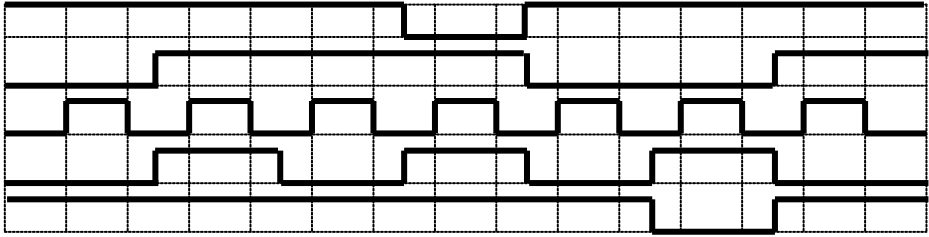
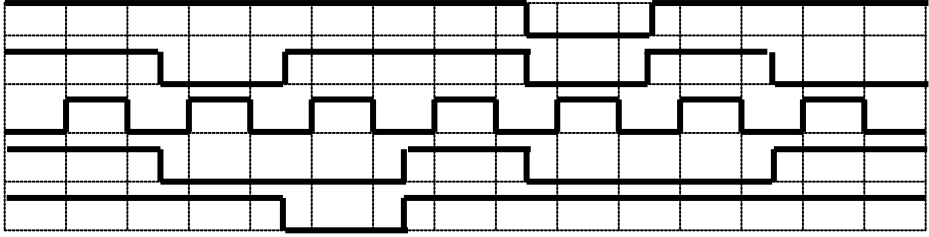
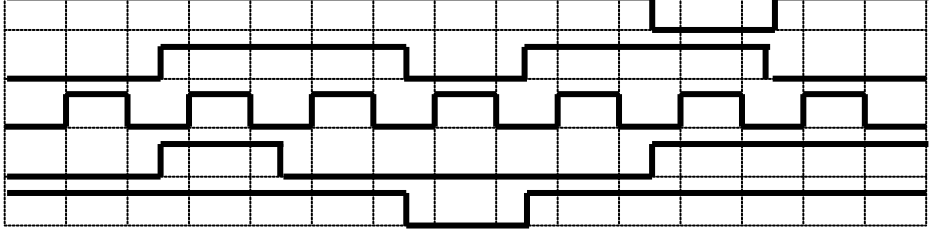
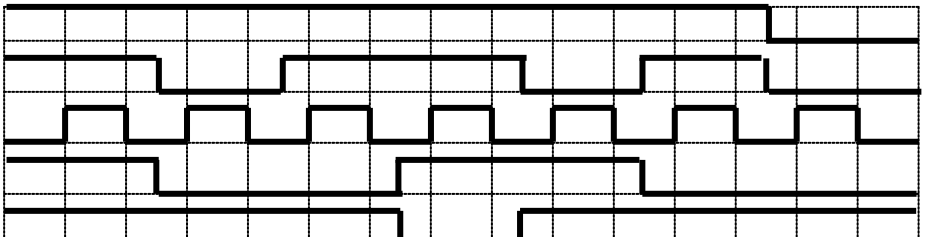
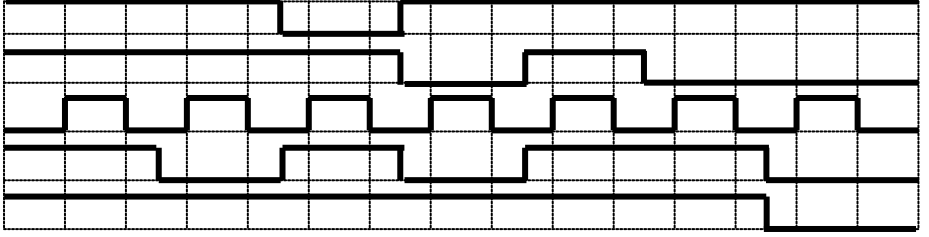
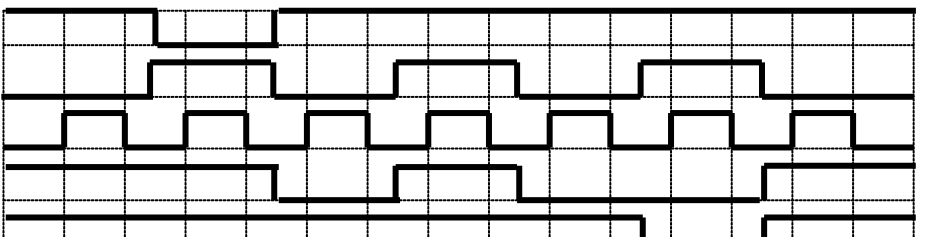
№	Диаграммы для D - триггера
1	<div data-bbox="359 257 458 477"> S D C R </div> 
2	<div data-bbox="359 548 458 768"> S D C R </div> 
3	<div data-bbox="359 840 458 1059"> S D C R </div> 
4	<div data-bbox="359 1131 458 1350"> S D C R </div> 
5	<div data-bbox="359 1422 458 1641"> S D C R </div> 
6	<div data-bbox="359 1713 458 1933"> S D C R </div> 

7	<div><div>S D C R</div></div>
8	<div><div>S D C R</div></div>
9	<div><div>S D C R</div></div>
10	<div><div>S D C R</div></div>
11	<div><div>S D C R</div></div>
12	<div><div>S D C R</div></div>

13	<div><div>S D C R</div></div>
14	<div><div>S D C R</div></div>
15	<div><div>S D C R</div></div>
16	<div><div>S D C R</div></div>
17	<div><div>S D C R</div></div>
18	<div><div>S D C R</div></div>

19	<div><div>S D C R</div><p>Timing diagram for problem 19. The diagram shows four signals (S, D, C, R) over 16 time units. S is high from 0 to 8 and 10 to 16, low from 8 to 10. D is high from 0 to 2, 6 to 8, and 12 to 14, low from 2 to 6 and 8 to 12. C is a periodic square wave with a period of 2 units, high from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, and 15 to 16. R is high from 0 to 1, 2 to 3, 4 to 5, 6 to 7, 8 to 9, 10 to 11, 12 to 13, and 14 to 15, low from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, and 15 to 16.</p></div>
20	<div><div>S D C R</div><p>Timing diagram for problem 20. The diagram shows four signals (S, D, C, R) over 16 time units. S is high from 0 to 8 and 10 to 16, low from 8 to 10. D is high from 2 to 8, low from 0 to 2 and 8 to 16. C is a periodic square wave with a period of 2 units, high from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, and 15 to 16. R is high from 0 to 1, 2 to 3, 4 to 5, 6 to 7, 8 to 9, 10 to 11, 12 to 13, and 14 to 15, low from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, and 15 to 16.</p></div>
21	<div><div>S D C R</div><p>Timing diagram for problem 21. The diagram shows four signals (S, D, C, R) over 16 time units. S is high from 0 to 4, 6 to 8, 10 to 12, and 14 to 16, low from 4 to 6 and 8 to 10. D is high from 2 to 8, low from 0 to 2 and 8 to 16. C is a periodic square wave with a period of 2 units, high from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, and 15 to 16. R is high from 0 to 1, 2 to 3, 4 to 5, 6 to 7, 8 to 9, 10 to 11, 12 to 13, and 14 to 15, low from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, and 15 to 16.</p></div>
22	<div><div>S D C R</div><p>Timing diagram for problem 22. The diagram shows four signals (S, D, C, R) over 16 time units. S is high from 0 to 8 and 10 to 16, low from 8 to 10. D is high from 2 to 8, low from 0 to 2 and 8 to 16. C is a periodic square wave with a period of 2 units, high from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, and 15 to 16. R is high from 0 to 1, 2 to 3, 4 to 5, 6 to 7, 8 to 9, 10 to 11, 12 to 13, and 14 to 15, low from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, and 15 to 16.</p></div>
23	<div><div>S D C R</div><p>Timing diagram for problem 23. The diagram shows four signals (S, D, C, R) over 16 time units. S is high from 0 to 4, 6 to 16, low from 4 to 6. D is high from 2 to 8, low from 0 to 2 and 8 to 16. C is a periodic square wave with a period of 2 units, high from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, and 15 to 16. R is high from 0 to 1, 2 to 3, 4 to 5, 6 to 7, 8 to 9, 10 to 11, 12 to 13, and 14 to 15, low from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, and 15 to 16.</p></div>
24	<div><div>S D C R</div><p>Timing diagram for problem 24. The diagram shows four signals (S, D, C, R) over 16 time units. S is high from 0 to 4, 6 to 12, and 14 to 16, low from 4 to 6 and 12 to 14. D is high from 2 to 8, low from 0 to 2 and 8 to 16. C is a periodic square wave with a period of 2 units, high from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, and 15 to 16. R is high from 0 to 1, 2 to 3, 4 to 5, 6 to 7, 8 to 9, 10 to 11, 12 to 13, and 14 to 15, low from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, and 15 to 16.</p></div>

25	<div> <div>S</div> <div>D</div> <div>C</div> <div>R</div> </div>
26	<div> <div>S</div> <div>D</div> <div>C</div> <div>R</div> </div>
27	<div> <div>S</div> <div>D</div> <div>C</div> <div>R</div> </div>
28	<div> <div>S</div> <div>D</div> <div>C</div> <div>R</div> </div>
29	<div> <div>S</div> <div>D</div> <div>C</div> <div>R</div> </div>
30	<div> <div>S</div> <div>D</div> <div>C</div> <div>R</div> </div>

№	Диаграммы для JK - триггера
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2	<div data-bbox="355 555 440 790"> S J C K R </div> 
3	<div data-bbox="355 846 440 1081"> S J C K R </div> 
4	<div data-bbox="355 1137 440 1373"> S J C K R </div> 
5	<div data-bbox="355 1429 440 1664"> S J C K R </div> 
6	<div data-bbox="355 1720 440 1955"> S J C K R </div> 

7	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div>
8	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div>
9	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div>
10	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div>
11	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div>
12	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div>

13	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div> <p>Timing diagram for problem 13. The diagram shows five signals (S, J, C, K, R) over 16 time units. S is high from t=2 to t=10 and low from t=10 to t=16. J is high from t=1 to t=11 and low from t=11 to t=16. C is a periodic square wave with a period of 4 units, high from t=1 to 2, 5 to 6, 9 to 10, and 13 to 14. K is high from t=2 to 3, 6 to 7, 10 to 11, and 14 to 15. R is high from t=3 to 4, 7 to 8, 11 to 12, and 15 to 16.</p>
14	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div> <p>Timing diagram for problem 14. S is high from t=1 to t=11 and low from t=11 to t=16. J is high from t=1 to t=10 and low from t=10 to t=16. C is a periodic square wave with a period of 4 units, high from t=1 to 2, 5 to 6, 9 to 10, and 13 to 14. K is high from t=2 to 3, 6 to 7, 10 to 11, and 14 to 15. R is high from t=3 to 4, 7 to 8, 11 to 12, and 15 to 16.</p>
15	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div> <p>Timing diagram for problem 15. S is high from t=1 to t=15 and low from t=15 to t=16. J is high from t=1 to t=10 and low from t=10 to t=16. C is a periodic square wave with a period of 4 units, high from t=1 to 2, 5 to 6, 9 to 10, and 13 to 14. K is high from t=2 to 3, 6 to 7, 10 to 11, and 14 to 15. R is high from t=3 to 4, 7 to 8, 11 to 12, and 15 to 16.</p>
16	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div> <p>Timing diagram for problem 16. S is high from t=1 to t=11 and low from t=11 to t=16. J is high from t=1 to t=10 and low from t=10 to t=16. C is a periodic square wave with a period of 4 units, high from t=1 to 2, 5 to 6, 9 to 10, and 13 to 14. K is high from t=2 to 3, 6 to 7, 10 to 11, and 14 to 15. R is high from t=3 to 4, 7 to 8, 11 to 12, and 15 to 16.</p>
17	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div> <p>Timing diagram for problem 17. S is high from t=1 to t=10 and low from t=10 to t=16. J is high from t=1 to t=11 and low from t=11 to t=16. C is a periodic square wave with a period of 4 units, high from t=1 to 2, 5 to 6, 9 to 10, and 13 to 14. K is high from t=2 to 3, 6 to 7, 10 to 11, and 14 to 15. R is high from t=3 to 4, 7 to 8, 11 to 12, and 15 to 16.</p>
18	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div> <p>Timing diagram for problem 18. S is high from t=1 to t=11 and low from t=11 to t=16. J is high from t=1 to t=10 and low from t=10 to t=16. C is a periodic square wave with a period of 4 units, high from t=1 to 2, 5 to 6, 9 to 10, and 13 to 14. K is high from t=2 to 3, 6 to 7, 10 to 11, and 14 to 15. R is high from t=3 to 4, 7 to 8, 11 to 12, and 15 to 16.</p>

19	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div>
20	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div>
21	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div>
22	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div>
23	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div>
24	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div>

25	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div> <p>Timing diagram for problem 25. The signals are S, J, C, K, and R. S is high from 0 to 4, low from 4 to 8, high from 8 to 10, low from 10 to 12, high from 12 to 16. J is high from 2 to 6, low from 6 to 10, high from 10 to 12, low from 12 to 16. C is high from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, 15 to 16. K is high from 2 to 4, low from 4 to 16. R is high from 2 to 4, low from 4 to 16.</p>
26	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div> <p>Timing diagram for problem 26. The signals are S, J, C, K, and R. S is high from 0 to 10, low from 10 to 12, high from 12 to 16. J is high from 0 to 2, low from 2 to 6, high from 6 to 16. C is high from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, 15 to 16. K is high from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, 15 to 16. R is high from 0 to 10, low from 10 to 16.</p>
27	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div> <p>Timing diagram for problem 27. The signals are S, J, C, K, and R. S is high from 0 to 4, low from 4 to 8, high from 8 to 16. J is high from 0 to 2, low from 2 to 6, high from 6 to 16. C is high from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, 15 to 16. K is high from 2 to 4, low from 4 to 16. R is high from 2 to 4, low from 4 to 16.</p>
28	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div> <p>Timing diagram for problem 28. The signals are S, J, C, K, and R. S is high from 0 to 10, low from 10 to 12, high from 12 to 16. J is high from 0 to 2, low from 2 to 6, high from 6 to 16. C is high from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, 15 to 16. K is high from 2 to 4, low from 4 to 16. R is high from 2 to 4, low from 4 to 16.</p>
29	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div> <p>Timing diagram for problem 29. The signals are S, J, C, K, and R. S is high from 0 to 4, low from 4 to 8, high from 8 to 10, low from 10 to 12, high from 12 to 16. J is high from 2 to 6, low from 6 to 10, high from 10 to 12, low from 12 to 16. C is high from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, 15 to 16. K is high from 2 to 4, low from 4 to 16. R is high from 2 to 4, low from 4 to 16.</p>
30	<div> <div>S</div> <div>J</div> <div>C</div> <div>K</div> <div>R</div> </div> <p>Timing diagram for problem 30. The signals are S, J, C, K, and R. S is high from 0 to 4, low from 4 to 8, high from 8 to 10, low from 10 to 12, high from 12 to 16. J is high from 0 to 2, low from 2 to 6, high from 6 to 16. C is high from 1 to 2, 3 to 4, 5 to 6, 7 to 8, 9 to 10, 11 to 12, 13 to 14, 15 to 16. K is high from 2 to 4, low from 4 to 16. R is high from 2 to 4, low from 4 to 16.</p>