

# Round Robin Scheduling Template P18C4R18



This scheduling template supports, but doesn't require, a ranked pool where P1 is the strongest player, P2 the next strongest etc.

Provided all 18 rounds are played, this schedule is optimal for partner variety (24 partner pairings are missed and 15 repeated partner pairings), optimal for sitouts (everyone sits out 2 times), optimal for opposition variety (no player-pair opposition matchups are missed) and OK for balancing team strength across the rounds (average P-number gap 8.33, max gap 28).

If your session goes for 2 hours, I'd recommend having each of the 18 rounds go for 4 minutes with a 2 minute break between rounds.

Players            18            (1 - 18)  
 Courts            4            (1 - 4)  
 Rounds            18            (1 - 18)

Round	Court #1		Court #2		Court #3		Court #4		Sitting out				
1	P1 x P2	vs	P3 x P4	P5 x P6	vs	P7 x P8	P10 x P9	vs	P11 x P12	P13 x P14	vs	P15 x P16	P17, P18
2	P16 x P7	vs	P17 x P3	P11 x P2	vs	P13 x P6	P10 x P15	vs	P4 x P9	P12 x P18	vs	P14 x P8	P1, P5
3	P1 x P15	vs	P2 x P8	P10 x P3	vs	P13 x P18	P12 x P5	vs	P4 x P6	P11 x P9	vs	P16 x P17	P7, P14
4	P10 x P8	vs	P17 x P2	P12 x P15	vs	P3 x P5	P1 x P14	vs	P6 x P7	P11 x P13	vs	P18 x P4	P9, P16
5	P10 x P17	vs	P3 x P6	P1 x P16	vs	P18 x P5	P14 x P9	vs	P2 x P4	P12 x P7	vs	P13 x P15	P8, P11
6	P1 x P5	vs	P13 x P9	P10 x P4	vs	P3 x P8	P11 x P17	vs	P14 x P2	P15 x P7	vs	P16 x P18	P6, P12
7	P11 x P8	vs	P16 x P3	P1 x P10	vs	P14 x P5	P12 x P9	vs	P2 x P7	P15 x P18	vs	P17 x P6	P4, P13
8	P12 x P9	vs	P16 x P6	P1 x P7	vs	P10 x P11	P18 x P2	vs	P4 x P5	P13 x P8	vs	P14 x P17	P3, P15
9	P1 x P17	vs	P12 x P15	P11 x P3	vs	P5 x P9	P13 x P16	vs	P18 x P6	P14 x P7	vs	P4 x P8	P2, P10
10	P1 x P4	vs	P16 x P17	P10 x P2	vs	P15 x P6	P11 x P18	vs	P12 x P8	P13 x P5	vs	P3 x P9	P7, P14
11	P12 x P16	vs	P2 x P5	P1 x P9	vs	P14 x P18	P13 x P3	vs	P6 x P8	P11 x P7	vs	P15 x P17	P4, P10
12	P1 x P8	vs	P13 x P9	P11 x P6	vs	P4 x P7	P10 x P14	vs	P16 x P5	P15 x P2	vs	P18 x P3	P12, P17
13	P11 x P4	vs	P12 x P6	P10 x P7	vs	P13 x P2	P17 x P18	vs	P5 x P9	P1 x P14	vs	P15 x P3	P8, P16
14	P10 x P16	vs	P15 x P8	P11 x P5	vs	P2 x P3	P14 x P6	vs	P17 x P9	P12 x P4	vs	P13 x P7	P1, P18
15	P10 x P5	vs	P14 x P7	P12 x P2	vs	P18 x P8	P16 x P9	vs	P17 x P4	P1 x P13	vs	P11 x P15	P3, P6
16	P15 x P8	vs	P4 x P5	P14 x P16	vs	P2 x P3	P1 x P18	vs	P17 x P7	P10 x P12	vs	P6 x P9	P11, P13

Round	Court #1		Court #2		Court #3		Court #4		Sitting out
17	P10 x P11	vs P16 x P4	P1 x P6	vs P2 x P8	P12 x P13	vs P17 x P5	P14 x P3	vs P18 x P7	P9, P15
18	P1 x P12	vs P16 x P4	P13 x P7	vs P15 x P9	P11 x P14	vs P17 x P8	P10 x P6	vs P18 x P3	P2, P5