

# Round Robin Scheduling Template P17C4R17



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

Provided all 17 rounds are played, this schedule is optimal for partner variety (every player partners with every other player exactly once), optimal for sitouts (everyone sits out 1 time), strong for opposition variety (3 player-pair opposition matchups are missed) and optimal for balancing team strength across the rounds (average P-number gap 6.44, max gap 21).

If your session goes for 2 hours, I'd recommend having each of the 17 rounds go for 5 minutes with a 2 minute break between rounds.

Players            17            (1 - 17)  
 Courts            4            (1 - 4)  
 Rounds            17            (1 - 17)

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

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