How to Compute the Total Number of Matches in a Tournament (Created by Casey Chapin)

16 or 8 DRAW WITH FICQ AND 3/4 PLAYOFF

(NUMBER OF MATCHES PER EVENT)

Event Size (Y)	Total Number of Matches in Event (X)	Multiplier (Z)
16	27	1.69
15	25	1.67
14	23	1.64
13	21	1.62
12	19	1.58
11	17	1.55
10	15	1.5
9	13	1.44
8	11	1.38
7	9	1.29
6	7	1.17
3 Thru 5	Round Robins (3, 6, 10)	

FORMULA

where

X = APPROXIMATE TOTAL NUMBER OF MATCHES

Y = TOTAL NUMBER OF PLAYERS IN TOURNAMENT

Z = about 1.62 (an average multiplier derived from 10 tournaments)

**use a slightly smaller multiplier for tournaments compromised of mostly "smaller" events (1.51)

**use a slightly larger multiplier for tournaments compromised of mostly "larger" events (1.65)

(where "smaller" is 6 to 11 players and "larger" is 12 to 16 players)

x = y times z

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Example, 130 players in a "larger" tourney	**Example, 130 players in a "smaller" tourney**
x = 130 times 1.65	x = 130 times 1.51
about 215 matches	about 196 matches

EXAMPLE:
You have a tournament (16 draw limit and FICQ and 3/4playoff) with 151 players. The event breakdown is:
B12 Blue - 13 players
B12 Red - 14 players
B14 Blue - 14 players
B14 Red - 12 players
B16 Blue - 16 players
B16 Red – 16 players
B18 - 13 players
G12 - 11 players
G14 - 15 players
G16 - 14 players
G18 - 13 players

Total = 151 players

The question is how many matches will you have?

Quick Solution (and approximate): 151 times 1.62 = **245 matches**

Exact Solution:
B12 Blue - 21 matches
B12 Red - 23 matches
B14 Blue - 23 matches
B14 Red - 19 matches
B16 Blue - 27 matches
B16 Red - 27 matches
B18 - 21 matches
G12 - 17 matches
G14 - 25 matches
G16 - 23 matches
G18 - 21 matches

Total = 247 matches