

# Technical Excellence Challenge – 3

The site MAT PLUS continues with the challenge tournaments

The Third MatPlus TEC is:

**Ser-s#**

(Series-selfmate)

**Theme: Triple Excelsior with any of 64 possible combinations of promotions in the least number of moves.**

If two entries have the same number of moves, then the second criteria will be less number of pieces in the starting position.

In case of an equal number of pieces, the third criteria will be taken into account: type of pieces with the lowest number of points: Q=10, R=5, B/S=3 and P=1.

Illegal setups, promoted pieces and King-in-check are not allowed. A promoted Bishop is allowed only if there are none already on squares of the same color (one set rule). Previous published works that have been improved will be allowed.

Only works that surpassed previous records will be considered.

Submit works to the MAT PLUS website by **31. May 2025**

(click on menu: **Original**)

Examples:



**Ser-s#23**      **SRQ-23-20-34**

Solution:

3.c6 4.cd7 5.de8S 6.Seg7 7.Sxf5  
8.Sxe3 9.Sf1 11.e5 12.ed6 13.dc7  
14.cb8R 15.Rxb2 16.Rb7 19.g6 20.gf7  
21.f8Q 22.Qxa3 23.Qf8 Bxb7#



**Ser-s#21**      **QQQ-21-07-14**

Solution:

5.h8Q 6.Qc3 7.Kxd3 12.e8Q 13.Qe1  
14.Ke2 19.d8Q 20.Qdd2 21.Qf3+  
Qxf3#



**Ser-s#21**      **BBB-21-19-25**

Solution:

4.ab7 5.ba8B 6.Bxf3 7.Bg2 10.fe6  
12.e8B 13.Bb5 14.Bxd3 15.Bf5 20.d8B  
21.Bxb6! Sf4#

Code: **XYZ-mm-pp-vv**, where X = first, Y = second, Z = third promoted piece (BQRS),  
mm = number of moves, pp = number of pieces, vv = sum of numeric value of pieces  
(Q=10, R=5, B/S=3, P=1)