

Michigan Leagues of Academic Games

Middle On-Sets Variations

1. Required cube The Solution must contain a ___ cube. The player selecting this variation specifies which non-digit symbol from the Resources fills the blank in the previous sentence.
2. Wild cube The ___ cube may represent any symbol on the cubes except a digit. The ___ cube must stand for the same symbol everywhere it occurs (Restriction(s) and Set-Name). The player selecting this variation specifies which cube from the Resources is wild. The wild cube may not be =, C, or a digit. Each Solution-writer must specify in writing the interpretation of the wild cube if it stands for anything other than itself in his Solution.
3. U and Ω interchangeable Any U may represent U or Ω, and any Ω may represent Ω or U.
4. V and Δ interchangeable Any V may represent V or Δ, and any Δ may represent Δ or V.
5. Two operations The Set-Name of each Solution must contain at least two operation symbols. The operation symbols are U, Ω, -, and '.
6. Multiple operations Every operation sign in Required, Permitted or Resources may be used multiple times in a Solution (Set-Name or Restriction or both).
7. Shift from Permitted On your turn you may transfer a cube in Permitted to either Required or Forbidden. This move takes the place of your regular move.
8. No null Restrictions Each Restriction must remove at least one card from the Universe. In a “chain” Restriction this variation is satisfied if *any* part of the chain removes a card.
9. Absolute value Any upside-down cube in the Goal may be interpreted as rightside-up by a Solution-writer.

DO NOT MARK THIS SHEET!