

**Michigan League of Academic Games**  
**Novice On-Sets Variations 2011-12**

**NOTE: Restrictions may not be used in the Novice Division. Restriction symbols should be flipped to make two  $\nabla$  or  $\Delta$  symbols and one of the other.**

**No Forbidden:** No Player may play a non-digit cube to Forbidden.

**Required Cube:** The Solution must contain a cube. The player selecting this variation specifies when announcing the variation choice which non-digit symbol from the Resources is required.

**Wild Cube:** The cube may vary and represent any symbol on the cubes except a digit. The wild cube must stand for the same symbol everywhere it occurs in the Solution. The player selecting this variation specifies when announcing the variation choice which cube from the Resources varies for the shake. The cube that varies may not be a digit.

**U and  $\cap$  interchangeable:** In a Solution, any U cube may represent U or  $\cap$ , and any  $\cap$  may represent  $\cap$  or U.

**V and  $\Delta$  interchangeable:** In a Solution, any V cube may represent V or  $\Delta$ , and any  $\Delta$  may represent  $\Delta$  or V.

**Two Operations:** The Solution must contain at least two operations symbols. The operation symbols are U,  $\cap$ ,  $-$  and  $'$

**Multiple Operations:** Every operation sign in Resources, Required, or Permitted may be used many times in a Solution.