

1.
 - * types need to be able to convert implicitly between each other
 - * They need to be passed in by reference to reduce cost
 - * All the params have to be of the same CoordinateType
 - * They all are consts
2.
 - * You must create the new template for the copy cons
 - * you must pass it by reference (infinite recursion possibility)
3.
 - * new template different than the main template is needed
 - * similiar to copy cons
4.
 - * They all need to be of the same type with the template name
 - * they are all private
 - * to access them you need to implement a getter to use them in other templates
5.
 - * There needs to be either an implicit or a legal explicit call to the parameters in order to return the appropriate results