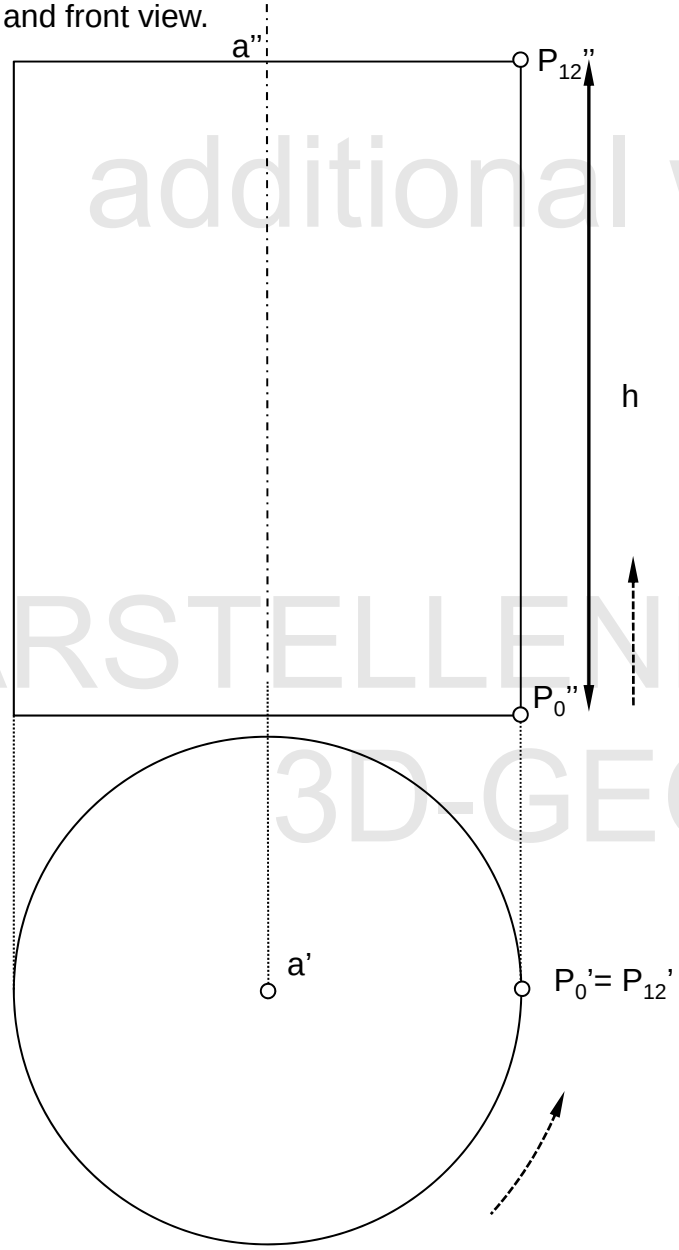
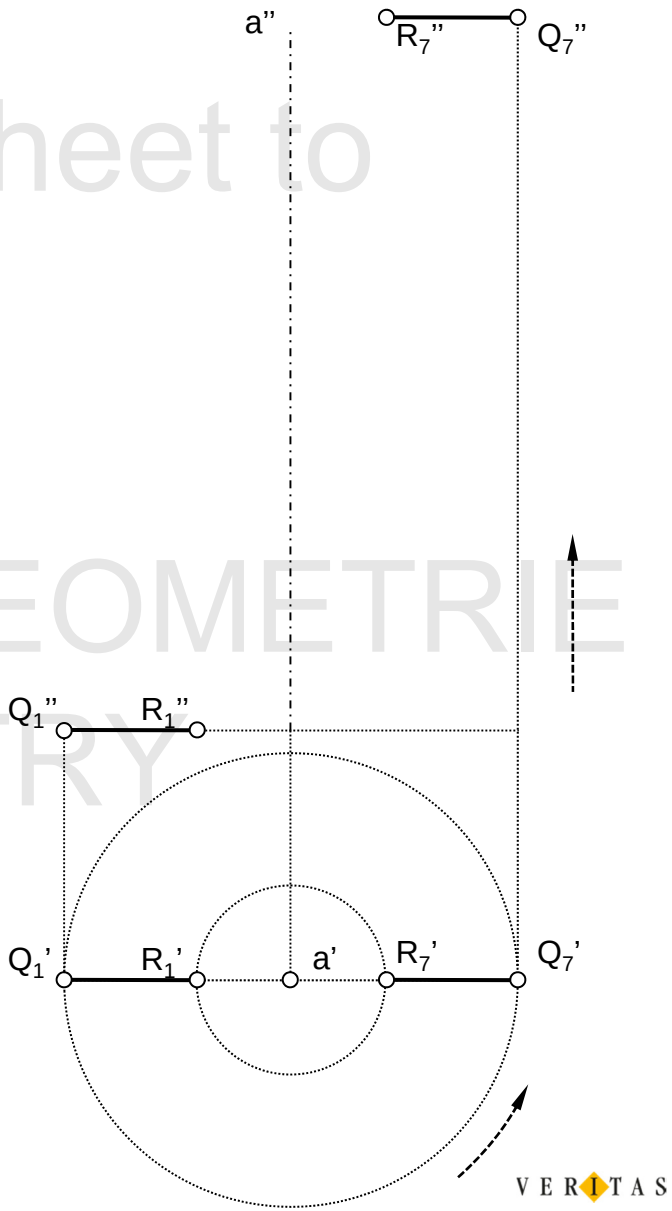
Worksheet 11 02 01: **Right-handed Helix and Helical Surface** Name:

a) Point P moves along a right-handed helix on an cylinder. After one complete rotation point $P_0$ reaches position $P_{12}$. Determine the helix of point P by **points** and **tangent lines** in the plan and front view.




b) The segment RQ generates a right-handed helical surface. After one and half turns the segment $R_1Q_1$ reaches position $R_7Q_7$. Determine the helical surfaces of segment RQ **after one and half** turns by **points** and **tangent lines** in the plan and front view.




additional worksheet to
DARSTELLENDE GEOMETRIE
3D-GEOMETRY

VERITAS