

Exercise 6. Are the following statements true or false?

(a)	Limiting parallels exist in the Klein model but not the Poincaré model.	True	<del>False</del>
(b)	Pasch's axiom is true for omega-triangles, but it's not an axiom anymore.	<del>True</del>	False
(c)	A limiting parallel is a special kind of ultraparallel.	True	<del>False</del>
(d)	Every line has exactly two omega points.	<del>True</del>	False
(e)	A Saccheri quadrilateral has exactly two congruent sides. <i>(could have 3!)</i>	True	<del>False</del>
(f)	AAA congruence is a theorem in hyperbolic geometry, but not in Euclidean geometry.	<del>True</del>	False
(g)	A finite symmetry group which has $2n$ elements is dihedral. <i>(could be cyclic)</i>	True	<del>False</del>
(h)	It is possible to cut a Lambert quadrilateral into two Saccheri quadrilaterals.	True	<del>False</del>
(i)	Given two omega points, $\Omega_1, \Omega_2$ there is exactly one line which contains both of them.	<del>True</del>	False