

**GEOMETRY #1204**  
**THEOREMS proved in the class**

Last name:

First name:

Period:

#	<b><i>THEOREM</i></b>	<b><i>Brief matter of the theorem</i></b> <i>(a picture, the explanation of the proof)</i>
1	Properties of Vertical Angles	
2	Interior Angles of a Triangle	
3	Exterior Angle of a Triangle	
4	Parallel Lines and Corresponding Angles	
6	Parallel Lines and Alternate Interior Angles	
7	Parallel Lines and Consecutive Angles	
8	SAS	
9	ASA	

10	Area of a parallelogram	
11	Area of a triangle	
12	Pythagorean theorem	
13	Angles with parallel sides	
14	Angles with perpendicular sides	
15	Distributive property	
16	Transitive property	
17	Reflexive property	
18	Commutative property	
19	Diagonals in the parallelogram	1. 2.
20	Area of the parallelogram	
21	Diagonals of Rhombus	1. 2.
22	Area of Rhombus (Kite)	
23	Diagonals of Kite	1. 2.