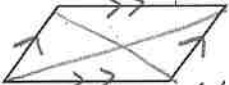
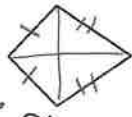
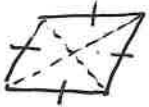



Theorem Toolkit

<p>Parallelograms </p> <p>2 pair of opp. sides \parallel</p> <ul style="list-style-type: none"> • opp. sides are \cong • opp angles are \cong • consec. angles are supplementary • diags. bisect each other 	<p>Kites </p> <p>2 pairs of consec. sides are \cong</p> <ul style="list-style-type: none"> • diagonals are \perp • 1 diag. bisects one set of angles and the other diagonal • other angles \cong • diagonals form 2 $\cong \Delta$'s and 2 isos. Δ's
<p>Rhombus </p> <p>4 sides are \cong</p> <ul style="list-style-type: none"> • all parallelogram theorems apply • diagonals are \perp • diagonals bisect \angle's • diagonals create 4 \cong right triangles 	<p>Rectangles </p> <p>Quadrilateral w/ 4 right angles</p> <ul style="list-style-type: none"> • all parallelogram thms. apply • Diagonals are \cong