## TRIANGULATIONS OF POLYGONS Let P be a polygon. DIAGONAL: line segment connecting two vertices of P, that that doesn't touch the boundary of P except at its endpoints, and that I res in the interior of P. TRIANGULATION: A decomposition of P into triangles by a maximal set of noncrossing diagonals. triangulation another triangulation QUESTIONS: Does every polygon hove a triangulation? - How many triangulations are there for a given polygon? · How many triangles are in each triangulation? Course ueb site: math 282. mlwright.org