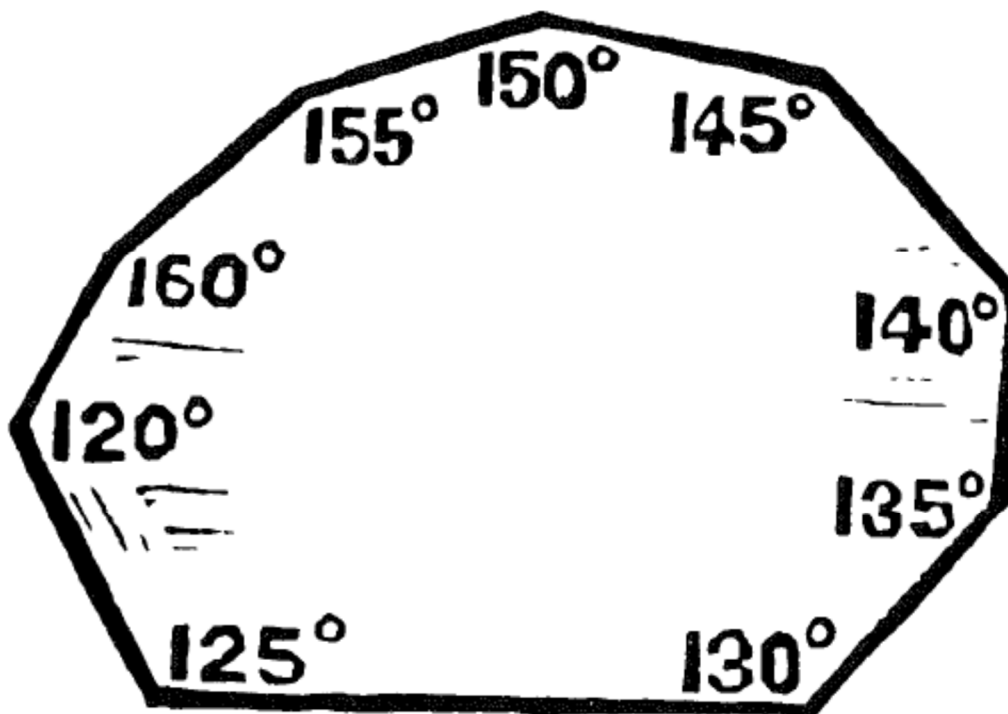# Mathematics Problem of the Week

Problem number 270
Posted Monday November 23, 2015
Submit by noon, Monday November 30, 2015

Picking a Polygon

Only two polygons can have a smallest interior angle of 120° with
each successive angle 5° greater than its predecessor. One is the nonagon as shown
below. Which is the other polygon?