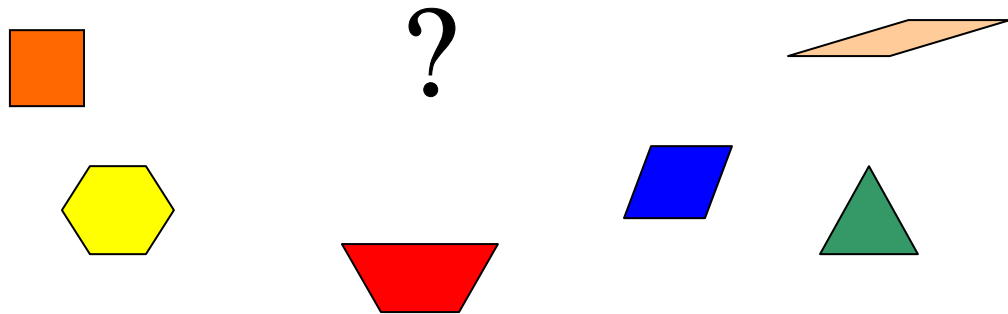


# Puzzling Polygons



Polly and Pat have a quiz on properties, perimeter, and area of polygons. Their teacher has decided to make puzzle cards as a fun way to encourage students to study for the quiz. Students were instructed to work in pairs using pattern blocks to represent the shapes of some common polygons. A set of six cards were distributed to each pair of students and instructions were given. Polly and Pat worked together on the “puzzling polygons” and completed each one successfully.

Work with a partner using pattern blocks or pattern block shapes to arrange a set of blocks in an appropriate order from left to right satisfying the conditions stated on each card of “Puzzling Polygons”. Record and discuss your work with another group to verify results. How “puzzling” were these polygons for you and your partner group?