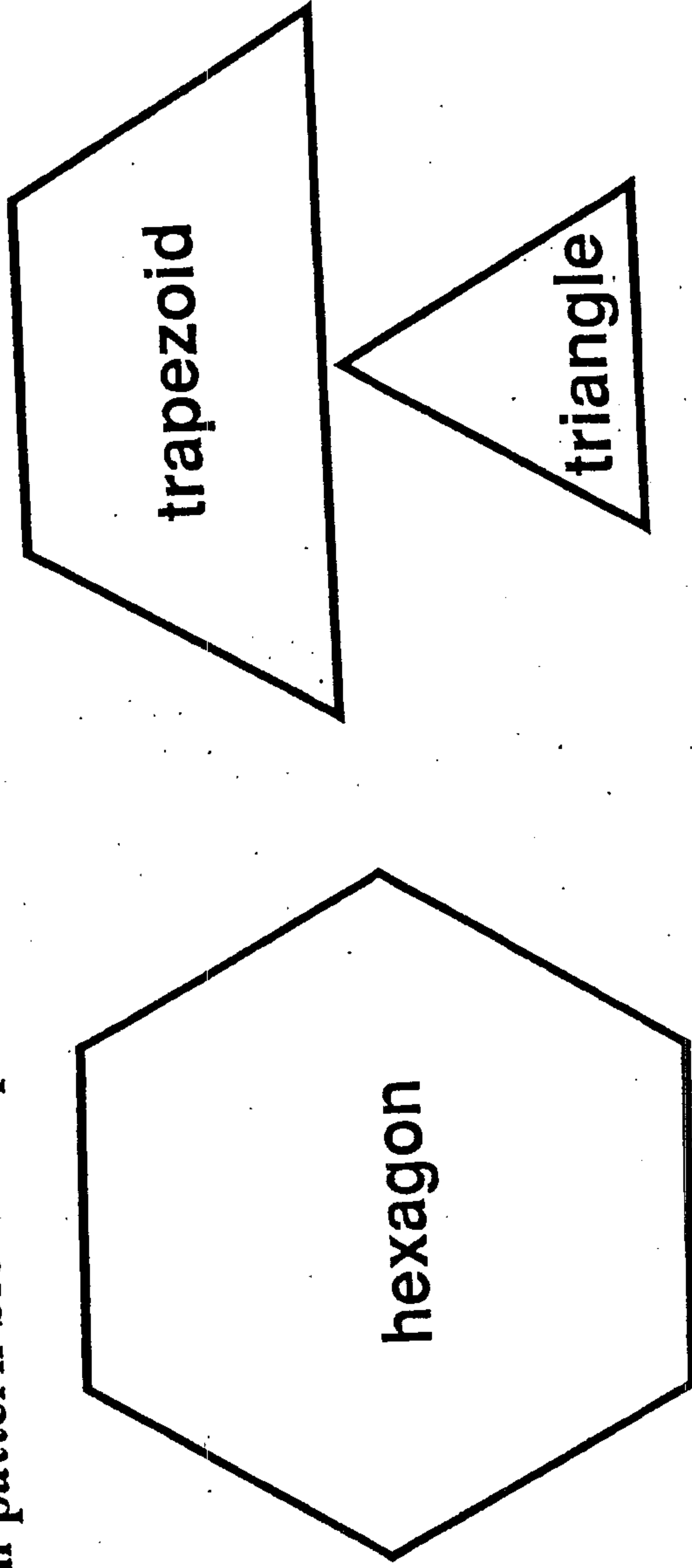
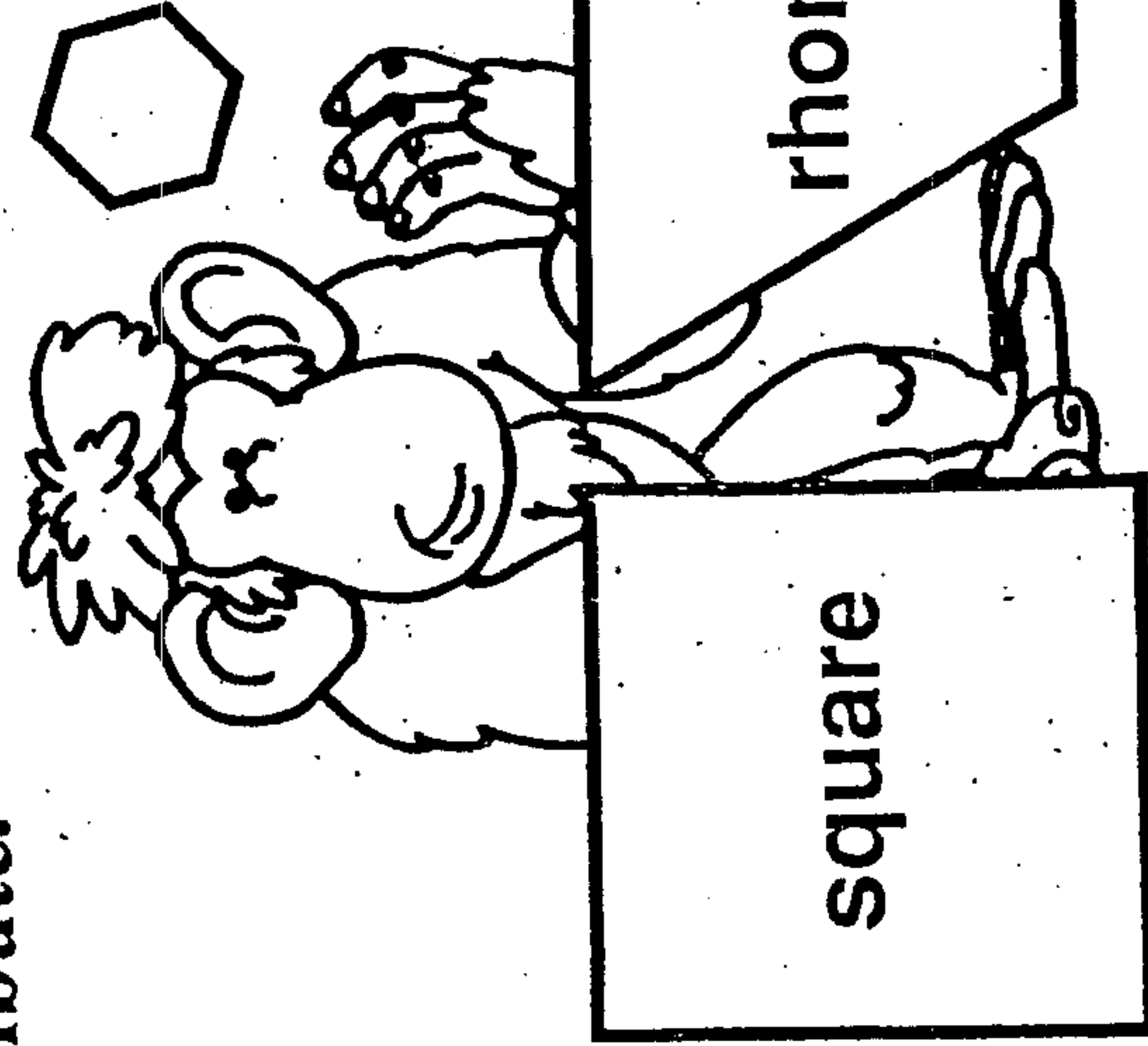


Monkeying Around with Geometric Attributes

Pattern Blocks represent different polygons. Find out what these shapes have in common by monkeying around with their attributes. Read the list of attributes in the chart and then place a X under each pattern block shape that contains that attribute.



only one pair of parallel lines					
only two pairs of parallel lines					
three pairs of parallel lines					
angles greater than 90°					
angles less than 90°					
four right angles					
opposite sides equal in length and parallel					
four-sided figure (a quadrilateral)					
four-sided figure, all sides equal in length					

Pattern Block Fractions

1. What part of the hexagon is the trapezoid?
2. What part of the blue rhombus is the equilateral triangle?
3. What part of the hexagon is the equilateral triangle?
4. What part of the trapezoid is the blue rhombus?
5. What part of the hexagon is the blue rhombus?

Use the pattern blocks to make various two-, three-, four-, five-, and six-piece designs. Draw the designs on your paper and label the various fractional relationships depicted. Explain verbally and manipulatively to your partner the fractions you have listed.