

LAB 2.3
Tangram Polygons

Name(s) _____

■

Equipment: Tangrams

- Make geometric figures, using any number of tangram pieces from one set.
- Keep track of your figures by checking boxes in the chart below.
- On the left side of the chart, add the names of other geometric figures you make, then check the box for the number of pieces you used in making them.

	How many pieces you used						
	1	2	3	4	5	6	7
Triangle							
Square							
Parallelogram							

Discussion

- A.

Which of the puzzles cannot be solved? For example, a one-piece, nonsquare rectangle is impossible. Are there others? Mark those puzzles with an X.
- B.

Explain why a six-piece square is impossible.