Tangrams

In old China, the pieces for this game-puzzle were sometimes made of ivory, hand carved and inlaid with gold and jade. It was played by royalty.

Take a piece of cardboard and make a tangram puzzle set for yourself.

Here is the pattern to follow:
There are 7 pieces, or “tans,” that make up the puzzle.

- The game is to see what shapes you can make using the 7 pieces.
- It is challenging to search for more than one way to form a given tangram shape.
- Here are some tangram challenges.
  - In the pairs below, the second figure in each pair seems to be exactly the same as its mate except for a missing portion.
  - But each of the shapes is made with seven tans.

See if you can solve the puzzles by making them yourself:

References:
Elementary Science Study: Tangrams. Webster Division, Mcgram - Hill Book Co. N.Y

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