

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.



RABBIT



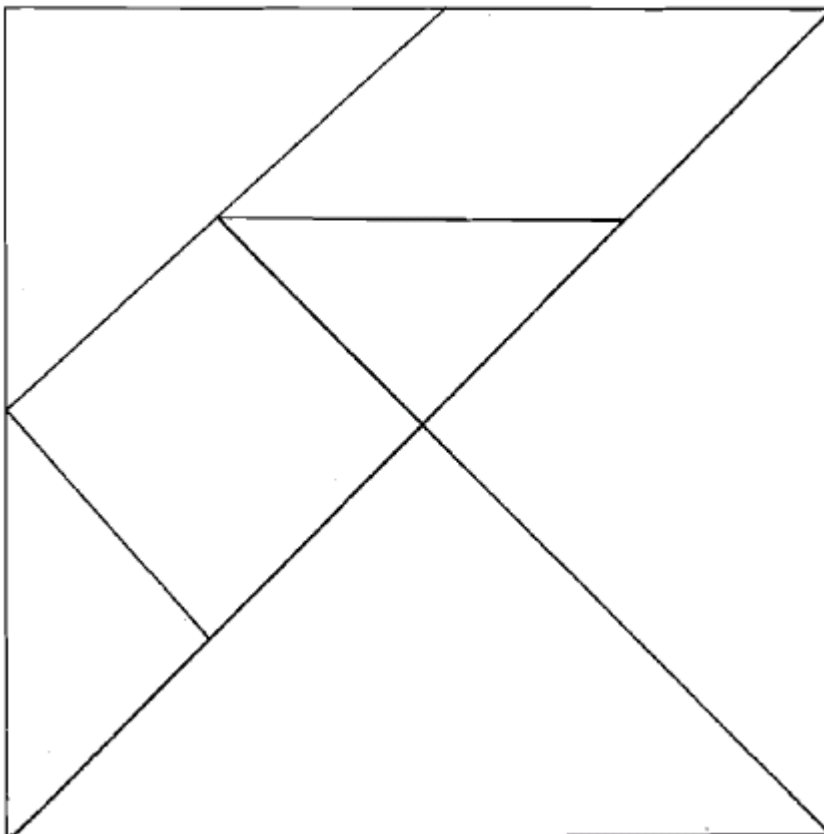
POLAR BEAR



YACHT

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:

Nitta, Ray. Your Move! The center for open learning and teaching. 178 Tamalpais Pd., Berkeley, CA 94708. (1975).

Elffers, Joost. Tangrams: Ancient Chinese Shapes. Penguin - Viking Books, NY.

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

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