

# Create a tangram card

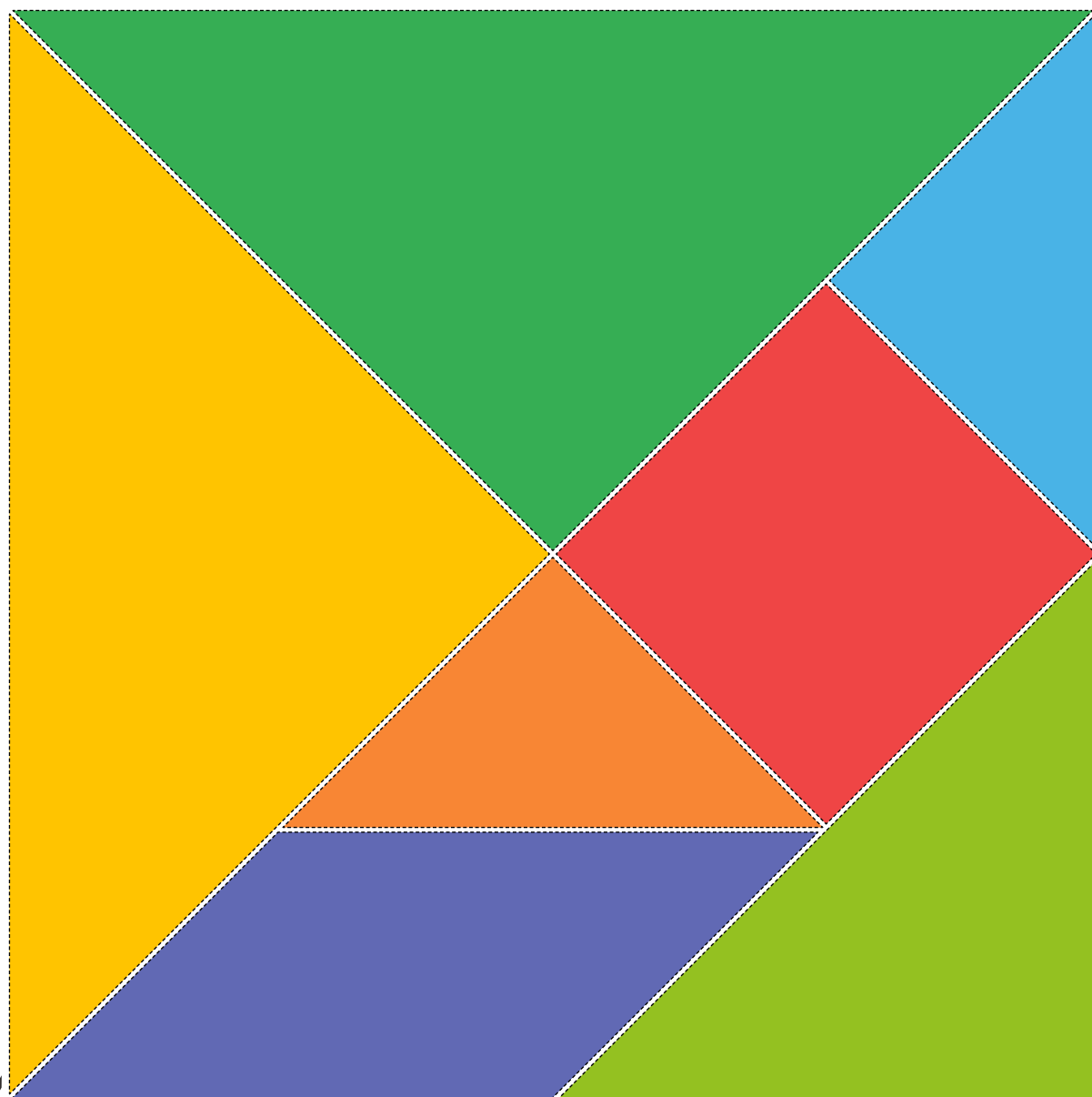
Can you solve this Mother's Day puzzle to create a heart?

## What you need

- This template
- Scissors
- A4 card
- Glue

## How does it work?

A tangram is a puzzle made up of seven shapes that can be arranged to make lots of different pictures. They became popular around 200 years ago in China and Europe. In a tangram, the seven shapes are always the same, but the possible combinations for pictures are almost endless. Tangram puzzles always follow the same rules: all pieces must be used, no shapes should overlap and all pieces must lay flat. Tangrams help with problem-solving skills and mathematical ideas.



**1** Cut out the shapes on this page or trace around them onto a piece of card and cut them out. You should have seven shapes – five right-angled triangles (two large, two small and one medium-sized), one small square and one parallelogram.

**2** Arrange all of these shapes into a heart – this is supposed to be a puzzle so it may take you a few tries to get it right. If you need some help, you can find out the solution by turning to page 50 of this magazine.

**3** Fold a piece of A4 card in half and stick your puzzle heart to the front with some glue. Then, decorate the rest of your card with some nice Mother's Day messages.