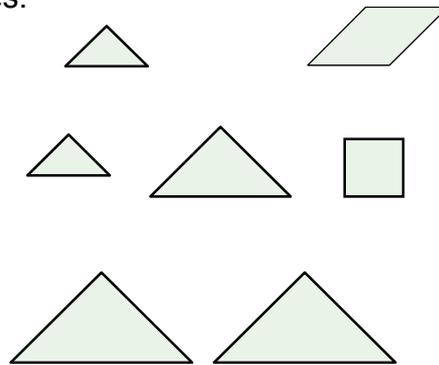


Making tangram shapes

To make a tangram puzzle, print out the tangram template shown on page 2, mount it on card and then cut out the pieces, or you could try drawing and measuring out your own tangram using squared or graph paper.

Your tangram puzzle has seven pieces:

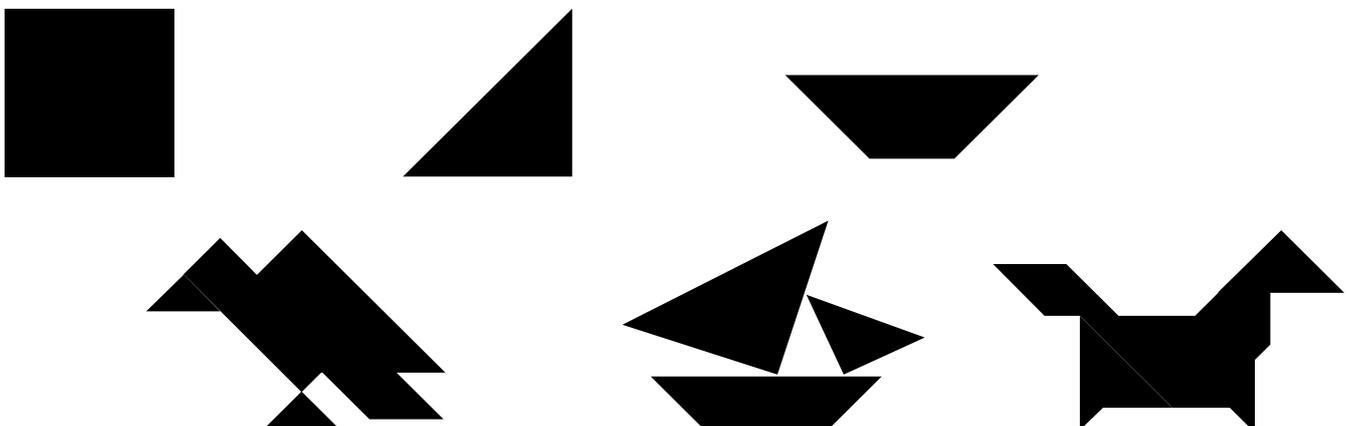
- 2 large triangles
- 1 medium triangle
- 1 square
- 2 small triangles
- 1 parallelogram



Use a ruler to measure the shapes and complete the table below:

Shape	Measurements in millimetres (mm)
Large triangle - length of each side	
Medium triangle - length of each side	
Square - length of each side	
Small triangle - length of each side	
Parallelogram - length of each side	

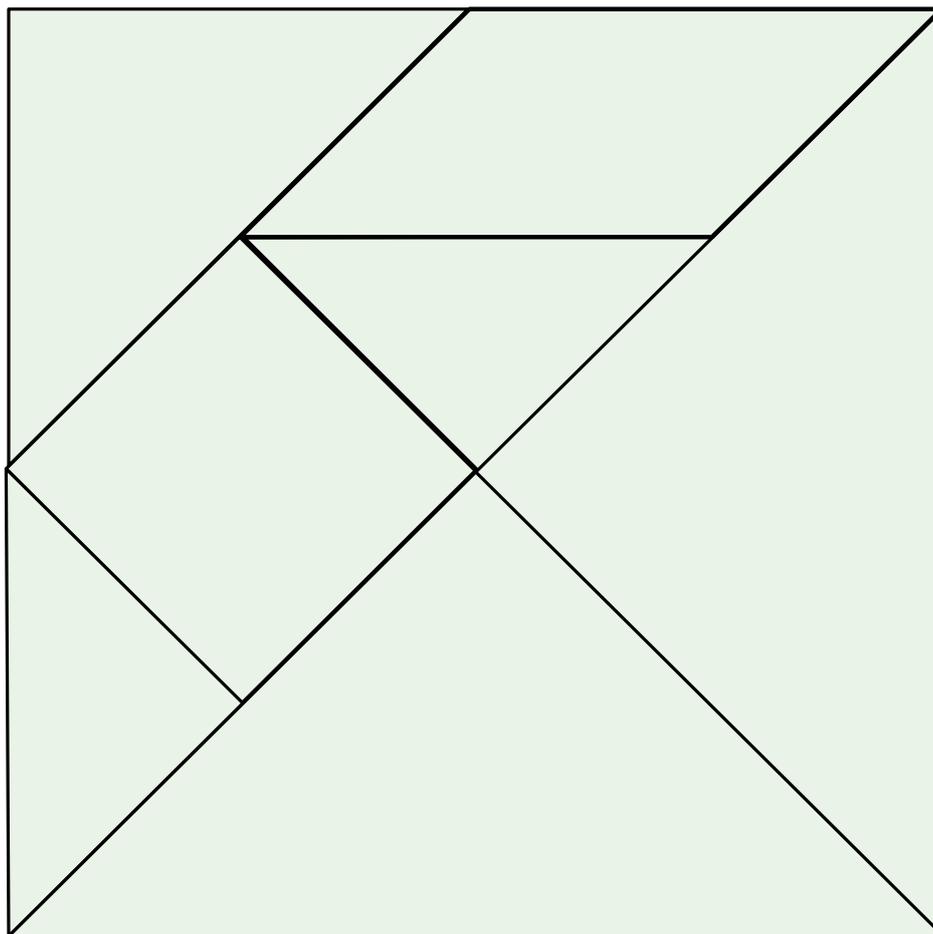
With your tangram see if you can make the following shapes. The solutions are on the answer sheet.



Making tangram shapes

A tangram is an ancient Chinese puzzle. It's made up from seven shapes that fit together make a square.

The diagram below is a template for a tangram.



It's possible to make pictures of many different objects using all seven pieces in a tangram. Here's one example:

