Make Your Own Tangram Puzzle!

Cut out the square opposite.  (Stick it onto a piece of cardboard first, to make it easier to move the shapes around.)  Cut the solid black lines only, to get seven shapes: five triangles, a square and a parallelogram.

If you don't want to cut up this sheet of paper, you can make a tangram on another sheet, by dividing a square up into a $4 \times 4$ grid, as shown opposite with the light dotted lines.  Then it's easy to draw the dark lines, because they pass through the dotted lines where these lines cross.

Once you've made your tangram, why not try to solve the shapes below?  Remember that you must use all seven pieces to make each shape, and the pieces can't overlap.  (The solutions are given on the back of this sheet, but don't peek too soon...)
Here are the solutions for the tangram shapes on the front page. How many did you get?

- Cats
- Swans
- A stork
- A vulture
- A whale
- Er, a swan, running away from the whale
- A shark, about to eat the swan
- Teapot
- Gun
- Candle
- House
- Shed
- Yacht*
- Spinning top
- Shape
- Some arrows
- Walking
- Running
- Falling
- Kick-boxing
- Man on a very small horse...
- Can I have some more?
- Oscar winner
- Beckham, or stormtrooper

*Just to see if you were paying attention...