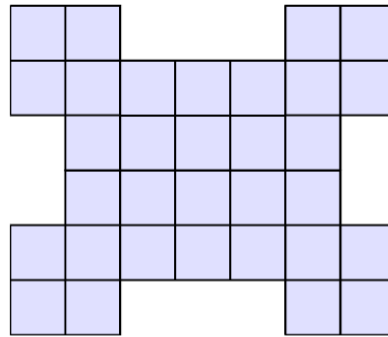




WHY SHOULD YOU NEVER BELIEVE A CLOCK?



How many squares can you see in this pattern?



What is wrong with this label?  
Is this a bargain?  
Explain your answer.

JOKE OF THE WEEK

PROBLEM SOLVING

REAL LIFE MATHS

# TANGRAM PUZZLES

The tangram is an intellectual puzzle game. It usually consists of seven pieces, in the shapes of triangles and quadrilaterals.

### THE RULES OF TANGRAM

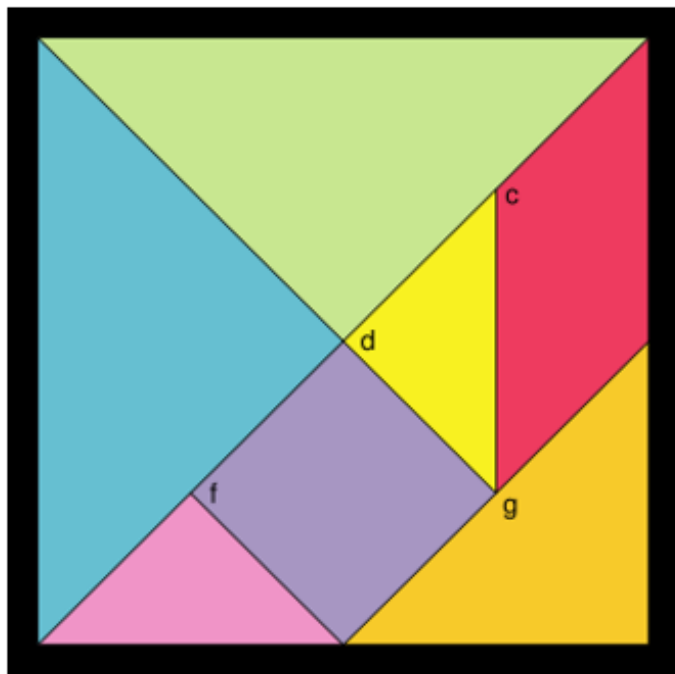
Each piece is called a TAN

Each piece must NOT overlap.

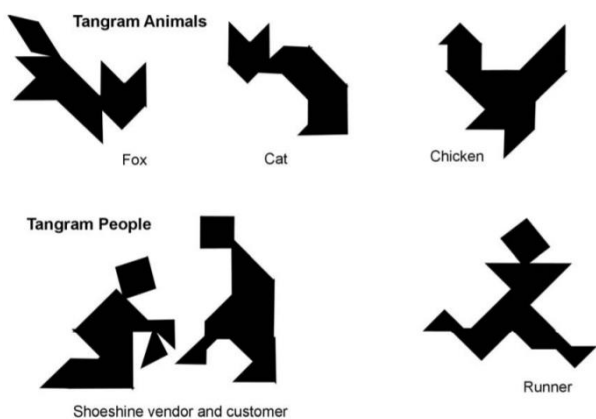
Each piece must touch another piece.

You must use all seven pieces.

Print off the Tangram template to the left and then cut out the seven magic pieces.



Can you make these pictures following the Tangram rules?



WOULD YOU LIKE TO PLAY AN INTERACTIVE TANGRAM GAME?  
<https://mathigon.org/tangram>

### Did you know?

The tangram originated in China. Tangrams were called "Chi-Chiao Pan", meaning "the seven intriguing pieces".



<https://www.tangram-channel.com/tangrams-pages/tangram-horse-easy-23/>

Welcome to the fourth edition of Latimer Maths Weekly. I hope your brain isn't too frazzled from all the puzzle solving you have been doing!

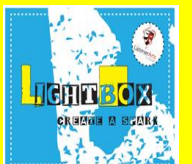
Tangrams really can be tricky – some of you might remember doing them on the team building activities we did on the field back in September!

The interactive games are fun – why not have a go? Or cut out the pattern and try out your own designs. Enjoy!

## SKI RUN

Start with 36. Complete the sums and see if you get the answer right.

Try the third column for Epraise points!



+ 4	+ 14	+ 64
- 2	+ 2	10% of it
- 15	+ 5	Square it
+ 3	× 4	- 51
+ 2	+ 10	+ 11
- 14	+ 16	÷ 3
- 2	- 8	+ 14
+ 8	× 4	+ 2
- 3	- 22	+ 13
+ 10	+ 2	× 3
???	???	???

In honour of the recent SpaceX's Crew Dragon capsule. Can you work out how many people from different countries visit the Space Centre?

