

Level 1

How many people might be holding up these four cards? What other possibilities are there?



Level 2

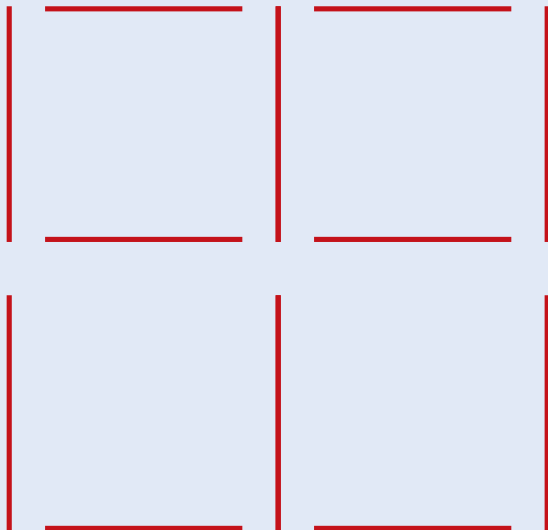
Can you draw this animal from the future?

It has

- a body shape of an equilateral triangle
- a head shaped like a bumpy ellipse.
- four legs each about 3 cm long
- each foot has 3 toes and each toe has a 1 cm claw
- a hide covered in hexagons
- a furry tail half its body length.

Level 3

Can you move just 2 toothpicks and create 7 squares?



Level 4

I have a 10 cm by 10 cm by 10 cm cube made up of 1 cm by 1 cm by 1 cm cubes.

If I paint the outside of the big cube, how many of the little cubes get painted?

