

## Week 2 Maths Activities

### Box puzzle

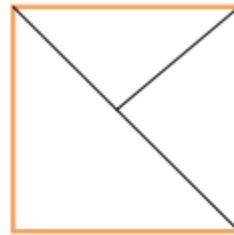
Draw a square 15cm x 15cm.

Draw as many triangles as you can inside the box.

### Rules

Each triangle **must** have one side exactly 4cm in length.

No triangle is allowed to overlap another.



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### Parking puzzle

There is only space on a street to park some cars nose to tail. The street is 16 metres long. Your job is to see how to park the cars along the street so that they fit **exactly**. Cars can be parked on both sides of the street. One person will not be able to park and will have to go somewhere else. Who?

Name	Length of car
Simon	4.5m
Sophie	3.2m
Erica	3.4m
Bill	4.8m
Will	4.7m
Nicole	5.3m
Lauren	2.8m
Sid	3.6m
Freddy	2.9m



### Hint

You may want to draw the lengths out on paper and cut them out carefully. Instead of using metres, use centimetres.

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## Challenge 2

Can you look in a recipe book, choose a recipe and change it from grams into kilograms ?

Why not try and make it? Don't forget to take a photo!