

Numeracy Homework
Date Handed Out: Friday 1st December
Date Due In: Wednesday 6th December

If you would like additional homework, or feel that your child should have spent longer on the activity then please encourage your child to do more than one activity.

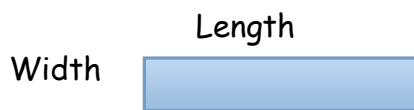
Gold: To really challenge you to apply what you have learnt this week

Silver: To extend your learning and build on prior knowledge

Bronze: To consolidate what you have learnt in the class

Bronze:

If the width of a rectangle is 3cm less than the length and the perimeter is between 20 and 30 cm, what could the dimensions of the rectangle be? Convince me.



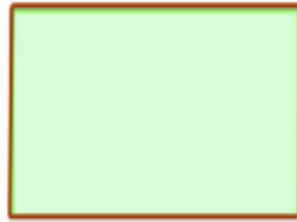
Silver:

- 1. The area of a triangle is 54m². What could the dimensions be? Think of at least 3 ways.*
- 2. An irregular shape has a perimeter of 42 what could the shape look like?*

Gold:

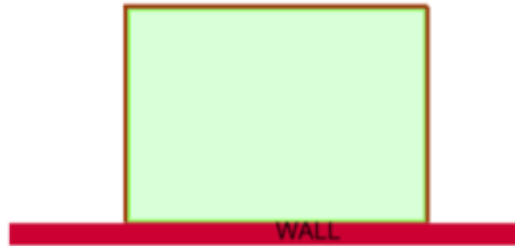
Imagine you had 40 one-metre sections of fencing.

What is the largest rectangular area of land you could fence off?



Now imagine you could build your fence up against a wall, so you only need to use the fence for three sides of the enclosure:

What is the largest area you can fence off now?



Now imagine you can attach the fence to the wall shown below, at the point marked X.

What is the largest area you can fence off now?

