UNCLE JACK'S LAND

My Uncle Jack has left me 60 square metres of land. He was pretty out there and the block of land is in Queensland so I haven't seen it. What do you think it might look like?

Ensure students have the concept of area and know the difference between area and perimeter. I then take them through 6 or 7 problem solving strategies.

Set the expectation that they should come up with at least 4 different designs and that only 75% of those designs can be rectangles – 'he liked interesting shapes!'

Encourage creativity - L shapes, triangular blocks of land, hexagonal blocks - even a circle.

As an important extra to the lesson tell the kids that in Qld there is a law that if any block of land exceeds 59 square metres in area you have to put a fence around it. if fencing costs $15 per metre which of your 4 designs is the cheapest to put a fence around - why?