



Problem of the Week

Problem C

Tower of Cubes

Imtiaz is an artist. One of the pieces of art that he created is a tower of three cubes. The bottom cube has a side length of 3 m, the middle cube has a side length of 2 m, and the top cube has a side length of 1 m. The top two cubes are each centred on the cube below.

Imtiaz wishes to paint the piece of art. Since the piece will be suspended in the air, the bottom will also be painted.

Determine the total surface area of the piece of art, including the bottom.

