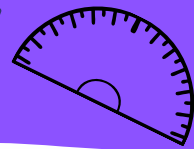




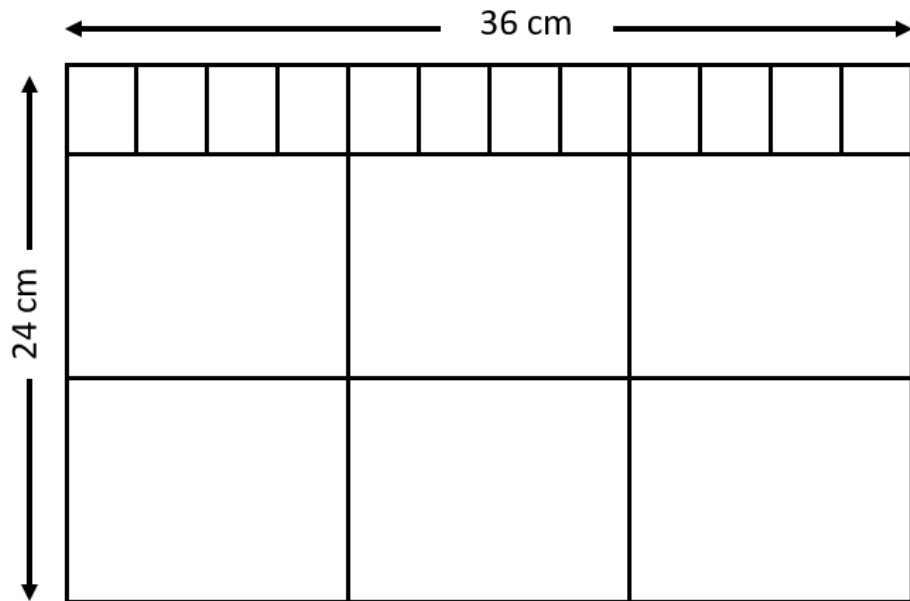
MVPS Maths Problem Solving Challenge



SOLUTION

Make a diagram of the sheet showing one 2cm strip.

Notice that there are twelve 2cm by 3cm pieces in the 2cm strip. Since there are 12 strips of 2cm in 24cm, there are $12 \times 12 = 144$ 2cm by 3cm pieces in the 24cm by 36cm rectangle.



The Maths Committee Team

This problem is courtesy of the Australasian Problem Solving Mathematical Olympiads (APSMO Inc) and is taken from

Maths Olympiad Contest Problems Volume 1 available at <https://apsmo.edu.au/resource-books/>

