



## Problem of the Week

### Problem B

#### Farmer Mac's Bales

Farmer Mac's hay bales are in the shape of rectangular prisms. Each hay bale is 2 m long by 2 m wide by 1.5 m high. The hay bales lie in rows in a field with one of the square sides of each hay bale on the ground and the rectangular sides of the hay bales facing each other. Farmer Mac leaves a 50 cm space between each hay bale.

- Determine the length of row of 20 hay bales.
- What is the total area, in  $\text{m}^2$ , of the ground underneath the 20 hay bales?

