

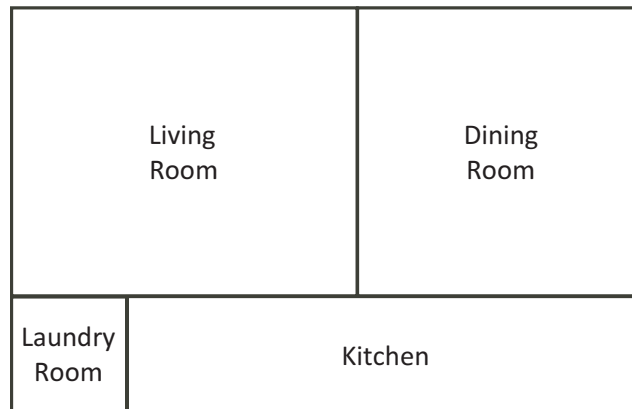


# Problem of the Week

## Problem C

### Kitchen Sized

The rectangular floor plan of the first level of a house is shown in the following diagram.



Both the laundry room and the dining room are square with areas of  $4 \text{ m}^2$  and  $25 \text{ m}^2$ , respectively. The living room is rectangular with an area of  $30 \text{ m}^2$ .

Determine the area of the kitchen.

