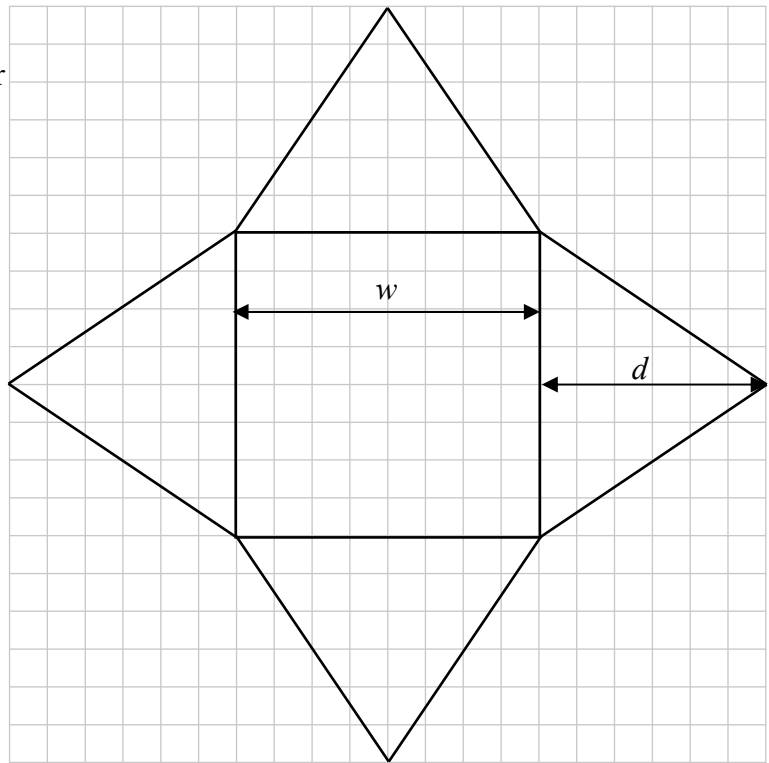**Question 5** **(25 marks)**

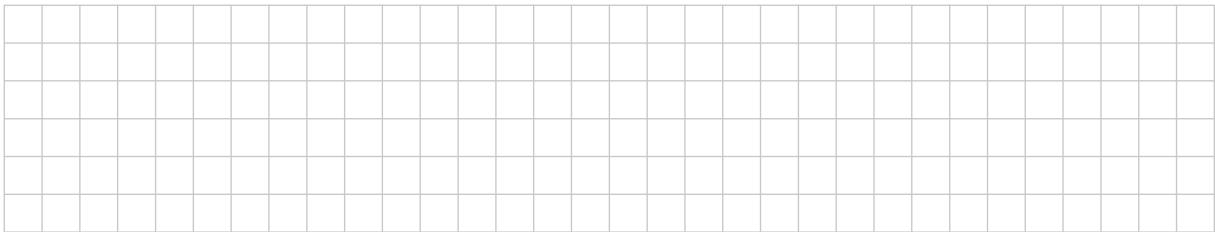The net for a figure with a square base is shown. Each grid unit is 5 mm.

(a) Find w, the length of the base, and d, the height of each triangular side.

$w =$ _____

$d =$ _____

(b) Find the area of the base of the figure.

(c) Find the total surface area of the figure.