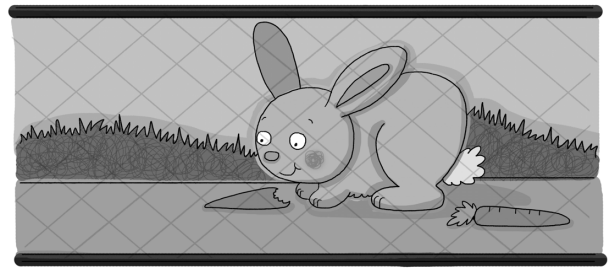


Name: _____ Date: _____

Investigating areas

Calculate the area of rectangles, in square metres, using the rule $A = a \times b$



- 1 You have a 20 metre roll of wire netting, 4 corner posts and a hammer to build a new rectangular enclosure for your pet rabbit.

You want to build the largest possible area for the rabbit to run about in.

a Complete the table.

Length (m)	9	8	7	6	5	4	3	2	1
Breadth (m)	1	2							
Area (m ²)	9								

- b Write the dimensions you will use to build the enclosure for your rabbit.

Length m Breadth m

- 2 If you have a roll of wire netting 24 metres long, what is the largest possible area you can enclose for your pet rabbit?

a Complete the table.

Length (m)	11	10	9	8	7	6	5	4	3
Breadth (m)	1	2							
Area (m ²)	11								

- b The largest possible area is m².