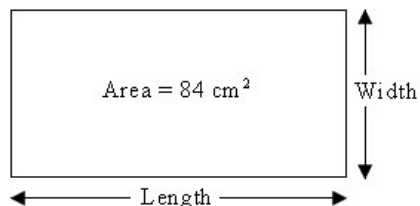# Same area, different lengths

This task is about working out the width and perimeter for different shapes with the same area.

A rectangle has an area of 84 cm^2.

Several rectangles can be drawn all with an area of 84 cm^2 but with different perimeters.

Complete the table below showing the width and perimeter of three rectangles all with an area of 84 cm^2 and the given length.

	Length (cm)		Width (cm)		Perimeter (cm)
a)	42	i)		ii)	
b)	14	i)		ii)	
c)	12	i)		ii)	