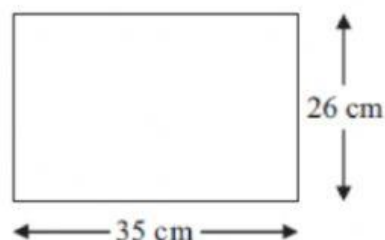


Upper and lower bounds

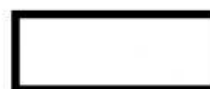
1. The length of the rectangle is 35cm to the nearest cm. The width of the rectangle is 26cm to the nearest cm.

What is the **greatest** possible area for this rectangle?



2. The length of the line is 63 centimetres to the nearest centimetre.

a. What is the **least** possible length of the line?



b. What is the **greatest** possible length of the line?



3. Steve measured the length and width of a rectangle.
He measured the length to be 645 mm correct to the nearest 5 mm.
He measured the width to be 400 mm correct to the nearest 5 mm.

Calculate the **lowest** possible area of this rectangle.
Give your answer to the nearest figure

