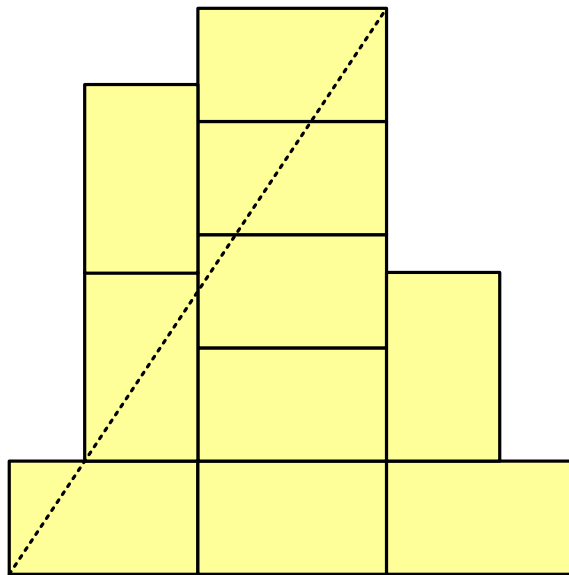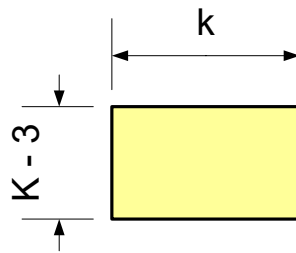1. The shape below is constructed of congruent rectangles.

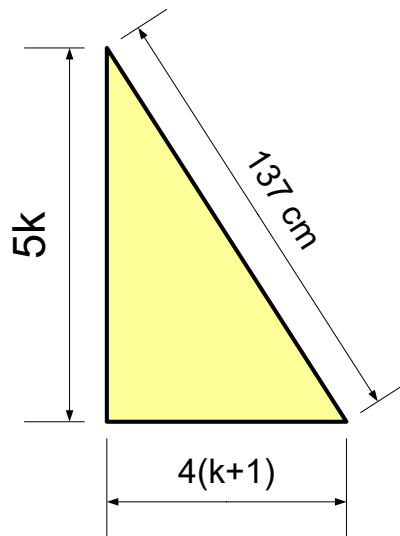
The rectangles are all of the following dimensions:

Calculate the area of the shape at the top if the perimeter is 358 cm.

a) Calculate the area of the shape.
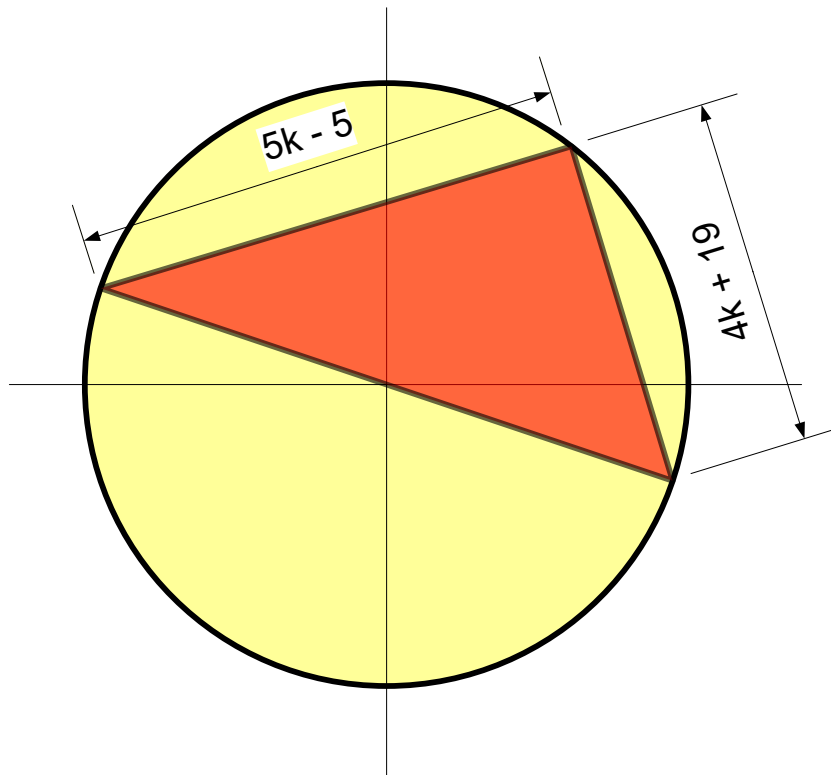
b) Calculate the length of the dotted line

2. The triangle below is a right-angled triangle.

a. Calculate the perimeter of the triangle.

b. Calculate the area of the triangle.

3. The circumference of the following circle is $\frac{7436}{7}$ cm. Take π as $\frac{22}{7}$.

5k - 5

4k + 19

Find the area of the circle outside the triangle.

4. Calculate the area of the shaded sector.

60 mm