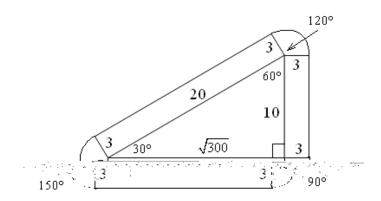


Round 3

The length of the two sides given shows that the corral is 60.300 degree triangle, with the remaining leg equal to $\sqrt{300}$. The area accessible to the giraffe is made of the triangle, three rectangles, and three partial circles. The circular areas may be calculated by using the proportions of the internal angles to 360 degrees.



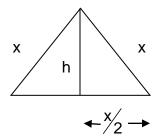
The area is then:

$$A \mid \frac{0}{10} \frac{1}{2} |10| \sqrt{300} \sqrt{2/3} |2/3| |0| 2/|3| \sqrt{30} |0| 2/|3| \sqrt{30} |0| 2/|3| \sqrt{300} |0| 2/|3| \sqrt{300} |0| \sqrt{$$

Round 4

There are $\frac{8674 \text{ } 3}{2.7}$ | 320 gaps of 2.7 which means 321 terms altogether.

Round 5



Let one side of the triangle be x camd h | $2\sqrt{3}$ cm.

Then
$$x^{2} \mid \frac{0}{2} \frac{x}{2} = 2 / 2 \sqrt{3} \sqrt{3}$$

$$x^{2} \cdot 4 \cdot \frac{x^{2}}{4} \mid 12$$

$$\frac{3}{4} x^{2} \mid 12$$

$$x^{2} \mid 16$$

$$x \mid 4 \text{ cm}$$

So the length of the piece of wire used to construct the equilateral triangle is /

Round 8

Divide the semicircle in half and rotate each halfiltohe space below the quarterroles (See the picture below) The figure formed is a rectangle of dimension 5 by 10. Thus, the area of a 5x10 rectangle is 50 square units.