

Answer on Question #52394 – Math – Geometry

How much edging should Paul buy to put around a circular flower bed with a 1.2 meter radius?

Solution

We need to find the circumference — linear distance around the edge of a closed curve or circular object (in our case — circular flower bed)

$$l = 2\pi R = 2 \cdot 3.14 \cdot 1.2m = 7.54m$$

Answer: length of the edging is equal to 7.54m.