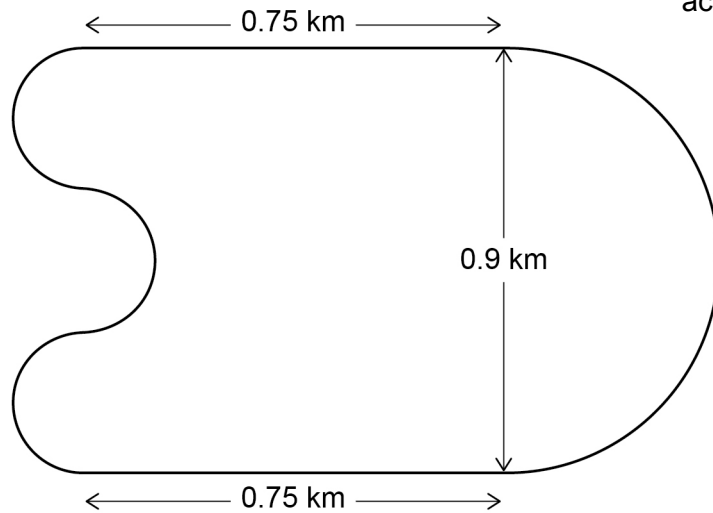


9

A motor racing circuit consists of
 two parallel straight sections, each of length 0.75 km
 a semicircle of diameter 0.9 km
 three equal, smaller semicircles.

Not drawn
accurately



The length of a motor race must be greater than 305 km

What is the lowest number of **full** laps needed at this circuit?

You **must** show your working.

[5 marks]

Answer _____

