







length of blue = 8 cir of circle = 270 length at red = 8 longth of green = 8 Repeat process a curve that is int. close to the onle but every step doesn't change length => length circle = 8 => 8 = 275 => 4 = 70 \Box lingth ced = 8 toi per = 2+275 ~~ 8 = 2 + 2 - 5 \rightarrow $3 = \sqrt{5}$.