

Geometric Sequences

Problem I :

The original box has a diameter of 10cm Each earing is 1/10 of the box. How many boxes included inside one another can be seen until the diameter of the box is less than .5 mm. ?



Problem II :

The original square has a side of 10 cm. Each square has a side ³/₄ of the previous one. What is the total area covered by this infinite series of squares ?



Problem III :

Each bar is a half of the previous one. What is the total length if we top them up ?

