

CAPTAINS' FIGHT !

Captains' fight n°2 : Question



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You have **2 minutes** to answer the following question :

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If all the Russian population were standing in a compact crowd, what fraction of the Russian territory would they cover ?

Captains' fight n°2 : Answer

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- ▶ Population of Russia : $147 \cdot 10^6$ inhabitants
- ▶ Maximal density of a crowd : 5 m^{-2} which gives $0,2 \text{ m}^2$ per inhabitant.
- ▶ Surface of Russia : $17,1 \cdot 10^6 \text{ km}^2 = 17,1 \cdot 10^{12} \text{ m}^2$

Finally, the fraction covered is :

$$\frac{147 \cdot 10^6 \times 0,2 \text{ m}^2}{17,1 \cdot 10^{12} \text{ m}^2} = \boxed{1,7 \cdot 10^{-6}}$$

