

Ejercicios Resueltos de Escalas

1. In a map of a city, two localities are separated by 25cm, what would be the distance between the two, if the scale of the map is 1:50000

Localities = localidades

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2. A student is going to make a plan of his room to scale 1:20. If his room is 5m, how long should the plan be?

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3. On a marine chart at a scale of 1:50000, a distance of 8.5cm is measured between two islets. What is the real distance between them in km?

Islet = una pequeña isla

Marine chart = carta marina

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4. A toy company plans to manufacture a scale representation of an F-16 aircraft 15m long x 10m wide. What would be the dimensions in cm in 1/50 scale?



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5. A student is going to draw a plan of his office to scale 1:30. If his office is 6m long, how long should it be on the plan?

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6. We have the drawing of a mechanical part without its dimensions, but we know that it has been made to scale 10:1. What are its real dimensions if with the caliper it measures 500x600x250mm?

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7. The distance between two points represented on a map is 32mm. If the legend of the map indicates that the scale at which it is made is 1:50000, what is the distance between these two points?