

1.  $0.782 \text{ Km} = ? \text{ cm}$
2.  $4913000 \text{ cm} = ? \text{ Km}$
3.  $39.73\text{m} = ? \text{ Km}$
4.  $7.89\text{Km} = ? \text{ m}$
5. A map is drawn to a scale of 1: 58,000. 1 cm on the map represents how many Km in real life?
6. A map of Argentina is drawn to a scale of 1:850,000. 170km in real life, is represented by how many cm on the map?
7. Megan has a map. For reasons best known to herself she puts her pet slug Albert on the map. Megan calculates that if she scaled up Albert so that he was as big as the hills, Albert would be 26km long. The scale of the map is 1:520,000. How long is Albert in real life?
8. Nadia knows that it exactly 5.7 Km from her Nan's house to the sherbet-lemon shop. On her town plan this measures 114 mm. What is the scale of the plan?
9. Albert the slug has fallen in love with my new watermelon plants. The plan of the house and garden is drawn to a scale of 1:500. If the journey from his tank in Megan's bedroom to my watermelons is 8cm on the plan how much is the real distance in meters? And if he produces 4ml of slime per 10 meters how many ml of slime will he produce during his adventure?

Answers:

1. 78,200cm
2. 49.13Km
3. 0.03973Km
4. 7890m
5. 0.58Km
6. 20cm
7. 5cm
8. 1:50,000
9. 40m and 16ml of slime

How to tackle these questions is covered in the bundle of Internet Classes available through the web site:

Internet Classes - Buy a Password

And by the by, Albert reached my watermelons but got diverted by the slug pellets and alas..... is no more!