

Mathematics

Solving problems using measures

Mr Nieto



Question 1

Four more people have arrived to your party. You need to make more squash for them. To make one cup of squash, you need 40ml of juice and 250ml of water. Mr Nieto needs to buy the juice and the water (there are no taps on the beach!) so you need to work out how much juice and water he needs to get. If everybody needs 1 cup of juice how much juice and how much water will Mr Nieto need to buy?

Draw a bar model to help you.

Question 2

Mr Nieto splits the party into three groups. He has 3L and 900ml of drink. To avoid any arguments, he decides to share the drink equally between the groups. How much drink does each group get?

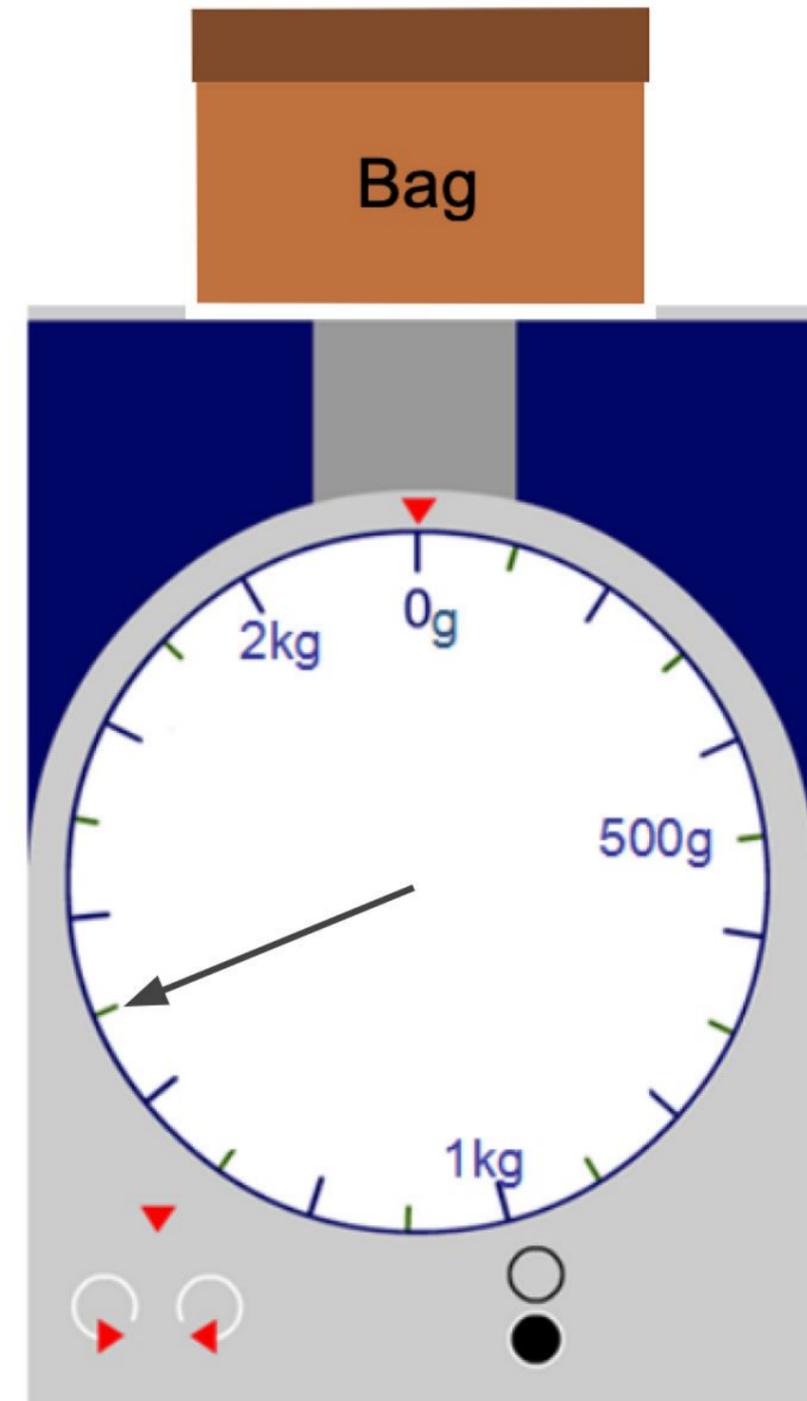
Draw a bar model to help you.



Question 3

Mr Nieto's bag weighs 1kg and 900g with all his sweets and snakes inside. After a fun filled party, he notices that the bag is almost empty. He wants to weigh the bag but needs help. What is the mass of the bag now?

What was the mass of the sweets and snacks that was eaten by the children?



Question 4

At the end of the party Mr Nieto wants to see how much of his drink is left. He decides to place it into a measuring cylinder. What is the capacity of the container?

Mr Nieto realises that he had 5 times the amount of drink at the start of the party. How much drink did he have at the start of the party.

