



Who do you agree with?
Explain why.



The potatoes weigh 13 kg

Amir



We don't know how much the potatoes weigh because the number is hidden.

Jack



The potatoes weigh more than half of 10 kg

Rosie

Can you calculate the weight of the potatoes? Explain how you did it.

Amir is wrong - he has counted on 3 from 10 kg when he should have counted back 3 kg.

Jack is wrong because we can work out the scale by using the 10 kg and counting back. They weigh 7 kg.

Rosie is correct because half of 10 is 5 and the arrow is past where 5 kg would be.

The weight of the potatoes is 7 kg

The chocolate bar weighs 100 g.
How much does one muffin weigh?



How much does each side weigh?

Using only 3 objects and a weighing scale, try to get as close to 2 kg as possible. Explain why you chose those objects. Work out how much more or how much less is needed to make it 2 kg.

Children could use a bar model to work this out. They would see the chocolate bar must weigh the same as two muffins so one muffin must weigh 50 g. Each side weighs 150 g.