

Problem-solving with decimals in context

Mathematics

Natalie Sew



Independent Task

For each question: Draw a bar model, label it, convert any units if you need to and then solve.

1. A container at the food stall has 20 litres of drink in it. In the first hour 2 litres and 750 ml is sold and in the second hour 4.5 litres is sold. How much drink is left in the container?
2. Maya is hanging bunting around her garden for a party. She hopes to hang 6.5 metres. She has 2.45 m of bunting and her friend brings another 320 cm of bunting, how much more do they need to make?



Support Sheet - Converted Units

1.

1 litre = 1000 mls

2 litres and 750 mls = 2.75 litres

2.

1 metre = 100 cm

3.2 m = 320 cm

