Time

Match the two clocks that show the same time.

(Greater Depth)

These clocks have only one hand, but can you suggest a time that each could be showing?

Explain your reasoning.
Measure Length

How long is the crayon?

Find the total length of route A. Find the total length of route B. How much longer is route A than route B?

(Greater Depth)

Ahmed’s ruler is broken. Explain how he can still use it to measure things in the classroom.

What is the difference in length between the pen and the pencil?

A crocodile is 3 times as long as a pig. An elephant is 1.2 m longer than the crocodile. The elephant is 4.2 m long. How long is the pig?
Measure – Weight

What is the mass of flour on the scales?

I need $\frac{3}{4}$ kg of flour to make a cake. How much more flour do I need to add to the scales?

(Greater Depth)

6 toy cars balance 2 dolls. 4 dolls balance 1 toy robot.

If the robot weighs 3 kg, what does each toy car weigh?
Measure – Capacity

There is a tea urn and a teapot. The bottles next to them show their capacity.

How much more water does the urn hold than the teapot?

(Greater Depth)

These lemonade bottles each have a capacity of 2 litres.
One of them is \(\frac{3}{4}\) full, and one of them contains \(\frac{3}{4}\) of a litre of water.
Which is which?

How much water is in the bottle which is \(\frac{3}{4}\) full?
What fraction of the bottle is full in the bottle which contains \(\frac{3}{4}\) of a litre?
Money

£2.60 + □ = £5.00

If I buy a sandwich for £2.20 and a drink for 90p, how much change do I get from £5?

Ellie buys 2 pencils. She pays with a £2 coin and gets 70p change. How much did each pencil cost?

(Greater Depth)

Sam and Tom share this money equally. Divide the coins into two equal groups. Could three friends share the money equally? Explain your reasoning.

Sophie and Ravi have saved some money. Altogether they have saved £35. Sophie has saved £4 more than Ravi. How much have they each saved?