Deepen Activities

1 Olivia says '4 equal lengths of wood that each measure between 23 cm and 27 cm will have a total length that is greater than 1 m.'

Is Olivia correct? How do you know?

> I can use multiplication to find the lengths of 4 equal parts.

2 The perimeter of a rectangular field is 264 m. All the sides are measured in whole metres.

What could the lengths of the sides be?

How many different rectangular field measurements can you find?

3 Adam has three pieces of ribbon that have been cut into whole centimetre lengths.

All three pieces add up to 2 m and 46 cm. Two pieces of ribbon are the same length. One piece of ribbon is a whole number of centimetres, longer than 91 cm and shorter than 95 cm.

What could the length of each piece of ribbon be?

> I can work systematically to find all the solutions.