

Word problems

Name _____

Date _____

Read each problem, set out the calculation or equation and write a complete answer.

- 1.** After a 15% increase, the community garden's monthly water allowance is 46 cubic metres. What was the garden's monthly water allowance before this increase was applied?

- 2.** For every two litres of apple juice, the café mixes in three litres of water. How many litres of apple juice are needed when 7.5 litres of water are used?

- 3.** A service lift starts below ground, then rises seven floors and stops at floor three. On which numbered floor did the service lift begin its journey?

- 4.** A kayaking centre charges £6 for equipment, plus £4 for each hour on the water. How many hours can Maya kayak if her total charge is £30?

5. A rectangular noticeboard has a perimeter of 54 centimetres, and its length is three centimetres more than twice its width. What is the width of the rectangular noticeboard in centimetres?
