

Word problems

Name _____

Date _____

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

1. A kayak centre charges a fixed booking fee of £12 plus £7 per hour. A group paid £47; how many hours did they hire the kayak?

2. At a school concert, 84 tickets were sold, consisting only of adult tickets at £9 and pupil tickets at £5. The total income was £596; how many tickets of each type were sold?

3. A water tank contains 180 litres after 4 minutes and 300 litres after 10 minutes, while filling at a constant rate. How much water will it contain after 16 minutes if the same pattern continues?

4. A rectangular community garden is 7 metres longer than it is wide, and its perimeter is 62 metres. How wide is the garden?

5. Nadia has £85 for a day trip and spends £18 on travel, £12.50 on admission and £9.50 on lunch. How much money remains for other expenses?
