

Word problems

Name _____

Date _____

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

- 1.** A community hall charges £18 for booking plus £6 per attendee; if organisers paid £90, how many attendees were included?

- 2.** At a wildlife centre, 26 visitors bought either an adult ticket for £12 or a youth ticket for £7. Ticket sales totalled £237; how many adult tickets and youth tickets were sold?

- 3.** A bicycle hire shop charges a fixed fee of £9, and a four-hour hire costs £23 in total. Assuming a constant hourly charge, what is the total cost of a seven-hour hire?

- 4.** A rectangular allotment is 7 metres longer than it is wide, and its perimeter is 62 metres. What is its width?

5. A café adds a 15% service charge to a group booking, producing a final bill of £69; what was the booking cost beforehand?
