

Word problems

Name _____

Date _____

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

1. Seven pupils can enter a museum using only one of three booking options. These options are seven individual tickets at £8.40 each, one five-person pass at £31 plus two individual tickets, or two passes. Which of these permitted options costs least, and what is its total price?

2. A booking platform deducts 15% from ticket revenue before sending the remaining money to a youth theatre. The theatre receives £1,020; what was the ticket revenue before the deduction?

3. A minibus covers 168 kilometres at 56 kilometres per hour, then covers 135 kilometres at 45 kilometres per hour. After a 30-minute rest between the journeys, how long does the complete trip take?

4. A community kitchen plans 18 trays of bread, and each tray requires 0.35 kilograms of flour. It has 4.8 kilograms available; how much additional flour must be purchased?

5. Each canoe costs £12 to book, plus £7.50 for every hour hired. Four friends hire two canoes for three hours and share the complete cost equally; what amount does each friend pay?
