

## 2-step problems

Solve 2-step word problems in contexts



The children in Year 3 and 4 are taking part in a school play.

Challenge 1

- 1 On Thursday Year 3 sold 45 tickets, on Friday they sold 80 tickets and on Saturday they sold 200 tickets. How many did they sell altogether?
- 2 The first part of the play lasted 63 minutes and the second part lasted 59 minutes. The interval was 30 minutes. How long did the whole play last, including the interval?
- 3 Year 4 made 300 cakes to sell. 48 were sold on Thursday and 170 on Friday. How many were left?

Challenge 2

2

- 1 On Thursday Year 4 sold 163 tickets, on Friday they sold 140 tickets and on Saturday they sold 300 tickets. How many did they sell altogether?
- 2 The popcorn was selling quickly. At 7 p.m. there were 300 packs. By 7.30 p.m. 137 had been sold. By 8.00 p.m. another 162 were sold. How many were left?
- 3 The school printed 430 programmes. On Thursday they sold 274, and 150 were sold the next night. How many were left?
- 4 After the play on Saturday the 340 seats had to be put away. 60 were put away in the morning, and 73 at lunchtime. How many were still out?

Challenge 3

3

- 1 In the week before the play the children spent 320 minutes rehearsing. They did 125 minutes on Monday, 94 minutes on Tuesday and the rest on Wednesday. How long was Wednesday's rehearsal?
- 2 The school hopes to raise £450 from the play. They made £238 on Thursday and £170 on Friday. How much more do they need to reach their target?
- 3 The teachers helped with the preparations for the play. They spent 98 minutes decorating the hall, 260 minutes getting the stage ready and 380 minutes making the costumes. How long did their preparations take?

## Answers

### Lesson 4: 2-step problems

Challenge

1

1 325

2 152 minutes

3 82

Challenge

2

1 603

2 1

3 6

4 207

Challenge

3

1 101 minutes

2 £42

3 738 minutes