

THE OPEN-AIR CONCERT

- 1) Thirty-one thousand and eighty four people go to an open-air concert in Hamley Park. Write this number in figures.

.....

- 2) The tickets for the festival cost £45. The organisers have to pay Hamley Park a fee of one-tenth of the ticket sales for using the Park. How much of the price of each ticket goes to Hamley Park?

.....

- 3) The concert lasts six hours. Most people have bought their tickets online but there are around 1,000 tickets left to sell. The ticket office is open for two hours before the concert starts and it closes after one hour of the concert has passed. Four people are selling tickets and they are paid £11 an hour for this job.

How much is the bill for the ticket sellers' wages?

.....

- 4) Hamley Park says that the organisers must employ a security guard for every 100 people in the audience. How many security guards are needed?

.....

5) Each security guard is paid £9 an hour. They are on duty for the whole concert, plus one hour before it starts and two hours after it finishes. How long do the security guards work?

.....

6) How much do the organisers have to put aside to pay the bill for the security guards' wages?

.....

7) A hot air balloon is moving across Hamley Park. There is a north-westerly wind blowing steadily which is pushing the hot air balloon along. The festival stage is located in the middle of the Park, exactly two miles south east of the main gate. The hot air balloon moves over the main gate and 10 minutes later it floats over the stage. What is the wind speed?

.....

