## Before you start

1 Match the Arabic and Roman numbers.


2 Why are Arabic numbers used in mathematics?

## Vocabulary

3 Match the numbers in the box with the words ( $1-9$ ) below.

```
1/2■ 1,000,000/1m ■ 2.5 ■
327■2,580■0■1/4 ■ 2/3
3.6%
```

1 two thirds
2 three point six per cent
3 a quarter
4 zero/nought
5 two point five
6 one million
7 two thousand, five hundred and eighty
8 three hundred and twentyseven
9 a half

[^0]
## Reading

4 Complete the text by putting a word or number in each space (1-10). Use the words and numbers in the box.

```
half ■-5'` ■-40`` 88% ■ Hundreds ■ 200 ■ 14,000 ■ 1989 ■
4000 ■ 5000m
```



THE JUKKASJARVI ICEHOTEL in Sweden is an interesting and cold place for a holiday. It started life as an igloo (a small house made of snow) at an art exhibition in (1) $\qquad$ .
(2) $\qquad$ of people visited the exhibition and some even slept there, so the builders decided to make it a hotel.

The Icehotel is open for less than (3) $\qquad$ of the year. Every May it melts and every November it is rebuilt. It now measures (4) $\qquad$ and it needs (5) $\qquad$ tons of ice and 30,000 tons of snow to build it.
This actually means that it is more than ( $\mathbf{6}$ ) $\qquad$ snow.
The temperature inside the hotel is usually about (7) $\qquad$ -.
Outside in Jukkasjarvi itself the temperature can be much lower even as low as (8) $\qquad$ !
Last year more than (9) $\qquad$ visitors travelled (10) $\qquad$ km north of the Arctic Circle to sleep in thermal sleeping bags. They got a cool reception!

## Internet zone

## Speaking

5 Work in pairs, Student A and Student B. Dictate your numbers to your partner. Can your partner write them correctly?

## Student A

- thirty-four point five percent
- six point nine seven
- one third
- four thousand, five hundred and sixty-seven


## Student B

- three thousand, nine hundred and fifty-eight
- fifty-five percent
- a half
- seven point six five


## Get real

Find out the answers to these questions:

- Who introduced Arabic numbers to European maths?
- Who developed the idea of 'zero'?


[^0]:    Note: In English, you write a point (.) not a comma (,) in decimal numbers. You say the numbers after the point separately, for example 23.34 is 'twenty-three point three four'.

