

## 9 Photographs for mathematical discussion

Look at each of the photographs below and, for each one:

- Make a list of things you notice.
- Write down some mathematical problems that occur to you. They might, for example, start like this:

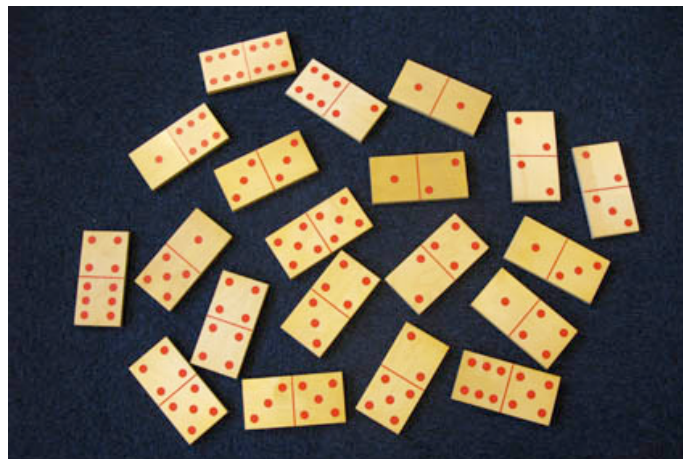
How could I describe ..... ?

How many ...?

What would happen if I changed ....?

Now do some mathematics based on the photograph!

### Dominoes



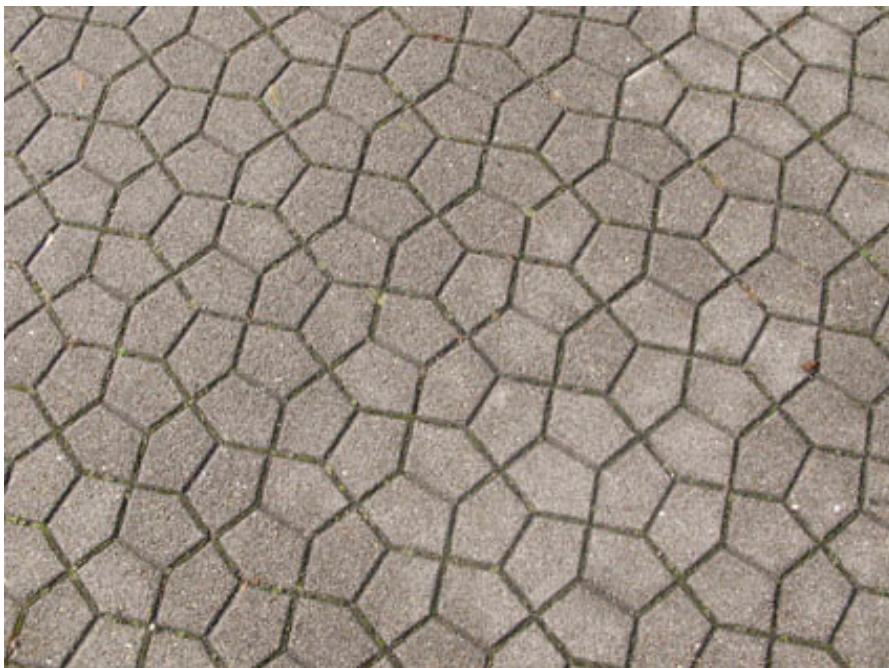
### Calendar



### Stack of barrels



### A pavement in Germany



**Trike with square wheels****Russian dolls**

These photographs were taken by Malcolm Swan.

Further photographs leading to interesting mathematical discussions may be obtained from Richard Phillips at <http://www.problempictures.co.uk/>