



## 1.11 Inside a computer

### A. Processors and memory

chips

dual core

megabytes

megahertz

motherboard

processor

speed

upgraded

The "brain" of a computer is the <sup>1</sup> \_\_\_\_\_. Most of these are made by Intel and AMD, and are sometimes referred to as <sup>2</sup> \_\_\_\_\_. The fastest processors are <sup>3</sup> \_\_\_\_\_, which means that there are two processors working together. The <sup>4</sup> \_\_\_\_\_ of a processor is measured in <sup>5</sup> \_\_\_\_\_, which is usually written as MHz.

A computer's memory is measured in <sup>6</sup> \_\_\_\_\_. If a computer has 1,024 megabytes of memory, and the memory type is SDRAM, this is written as 1,024 MB SDRAM, and is pronounced "a thousand and twenty-four megabytes ess-dee-dram".

The processor and memory modules are located on the <sup>7</sup> \_\_\_\_\_. Changing a computer's processor is not generally practical, but the memory can usually be <sup>8</sup> \_\_\_\_\_.

### B. Power

disconnect

fan

mains electricity

overheating

shock

spikes

supply

surge protector

transformer

1. Laptops are powered by batteries or \_\_\_\_\_.
2. Mains electricity is converted to lower voltage by a \_\_\_\_\_.
3. A \_\_\_\_\_ protects electronic equipment from damage caused by power \_\_\_\_\_.
4. If you remove the cover from a computer, make sure you \_\_\_\_\_ the electricity \_\_\_\_\_. Otherwise, you may get an electric \_\_\_\_\_.
5. The computer is cooled by a \_\_\_\_\_. This prevents the processor from \_\_\_\_\_.

