Processing Hardware Worksheet

1. What was the name of the first electronic digital computer and what was it used for?

**Colossus used for decoding**

1. What is the name of the architecture used in modern computers?

**Von Neumann**

1. In what form is all data stored in a modern computer?

**Binary**

1. Complete the diagram below

**Fetch**

**Execute**

**Decode**

1. The CPU has two major parts. These are:
   1. **Control unit**
   2. **ALU unit The Arithmetic and Logic Unit**
2. What else does the CPU need to have?

**The CPU needs a memory unit to store data the HardDrive.**

1. What is cache memory?

**Cache memory is a like a waiting room for the CPU. Cache memory is a lot faster than main memory.**

1. Cache memory levels

**In the CPU there are 2 levels of cache memory.**