

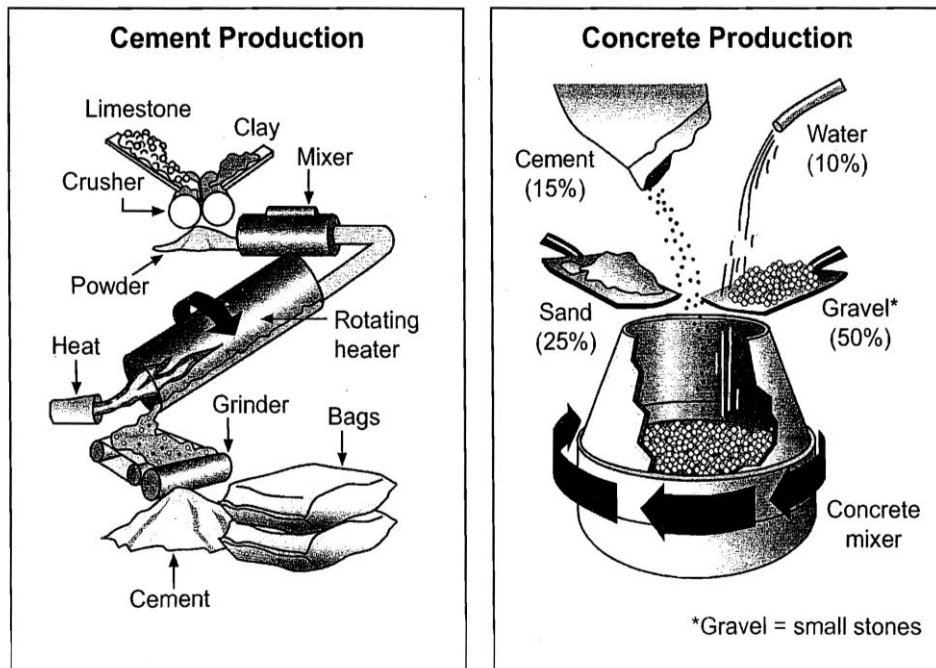
WRITING TASK 1

You should spend about 20 minutes on this task.

The diagrams below show the stages and equipment used in the cement-making process, and how cement is used to produce concrete for building purposes.

Summarise the information by selecting and reporting the main features, and make comparisons where relevant.

Write at least 150 words.



Model Answer by E. Tahasoni:

The first diagram depicts the process through which cement is produced. Overall, a number of industrial equipment and tools are used to produce cement from two basic raw materials.

The process begins when the initial raw materials, namely limestone and clay, are crushed using two rotating drums to make a fine powder which is then mixed in a cylindrical mixer. The next stage involves a tube-like rotating heater with the mixed powder being fed from the top and heated using a blowtorch mounted at the bottom opening of the tube. The heated mix is next transferred to a grinder on a conveyor belt and grinded to yield the final cement product which is eventually packed in bags.

This cement is used as raw material in the production of concrete in a second, rather simpler process illustrated in the second picture.

An initial mixture comprising 1/6 cement, 1/10 water, a quarter sand and half gravel (i.e. small stones) is fed into a rotating concrete mixer shaped like a cauldron with its top opening smaller in diameter than its base. There, the ingredients are stirred until the concrete mix is ready to be used for construction purposes.

To sum up, the production of cement involves a relatively simple procedure. Moreover, in order to be used in buildings and construction projects, cement is used along with a number of other simple ingredients to produce concrete through a single-stage procedure.