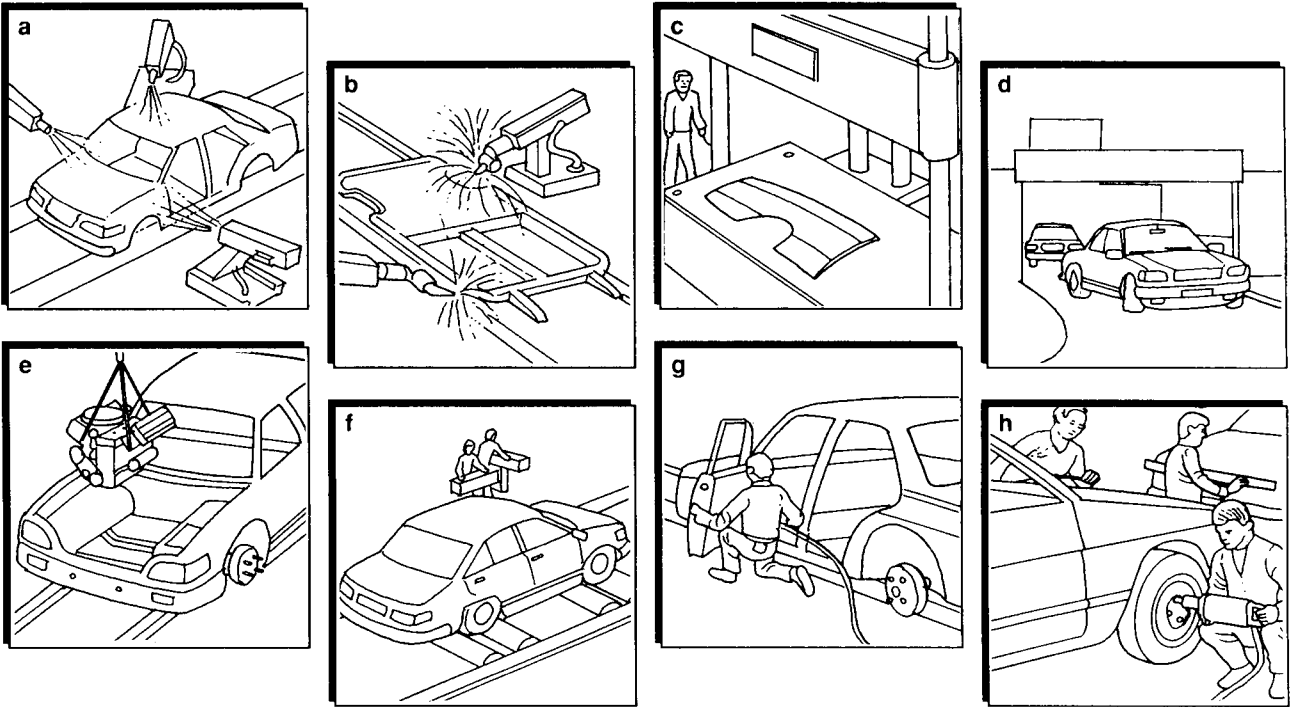


34 A Manufacturing process



the finished car – test
the car – despatch
the body – paint

the body panels – cut
the components – fit
the engine – put in

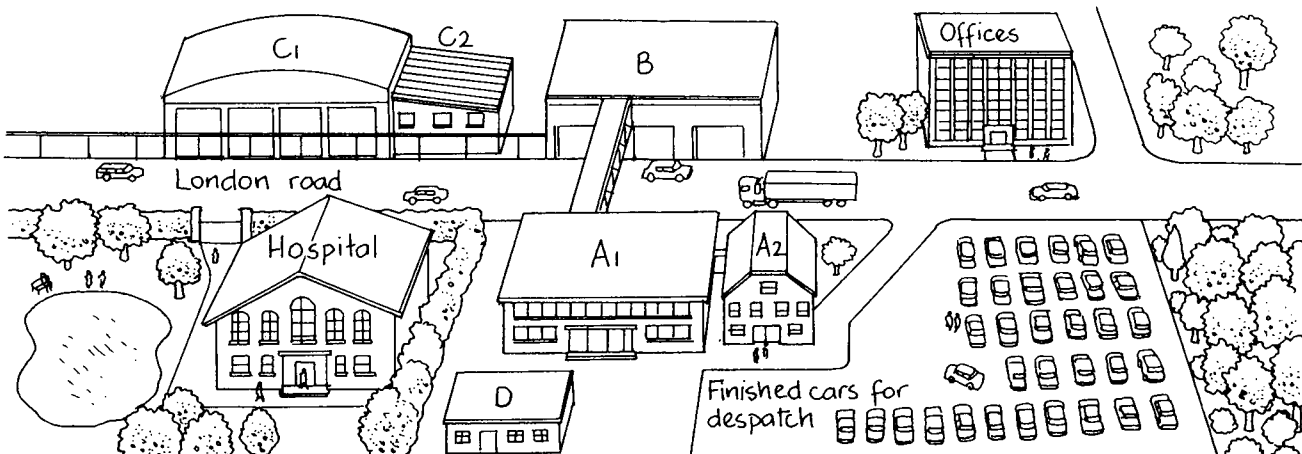
the doors – add
the panels – weld

Notes

Building A is old and too low for the pressing machines.
The cutting and pressing machines are very noisy.
The assembly line needs a lot of space.
The paintshop must be in a clean and separate building.
There mustn't be too much noise near the hospital.
The stores must be near the main road.

Choose a suitable building to locate each of the following.

- the paintshop
- the welding area
- quality control & testing
- the assembly line
- the stores
- the press shop



A manufacturing process

Worksheet

34

ACTIVITY

Groupwork: speaking

AIM

To describe a manufacturing process and decide on the layout of a manufacturing plant.

GRAMMAR AND FUNCTIONS

Present simple passive

Sequencing: *first, then**Too + adjective**Must***VOCABULARY**Production: *to test, to despatch, to weld, to cut, to press, to fit, to add, to paint, a panel, supplies, finished product, a component, an assembly line, a paintshop, a press shop, the stores, quality control***PREPARATION**

Make one copy of the worksheet for each student in the class.

TIME

30 minutes

PROCEDURE

- 1 Introduce the subject of manufacturing and ask students to name the different stages in a manufacturing process. For example: *delivery of supplies, assembly, testing, packing, despatch*. Elicit adverbs of sequence: *first, secondly, then, next, after that, finally*.
- 2 Give a copy of the worksheet to each student and focus their attention on the pictures of the production process of a car manufacturing plant, which are in the wrong order.
- 3 Ask the students to work in pairs or groups to put the pictures in the right order using the phrases below to help them.
- 4 Go through the answers with the whole class and write them on the board. Encourage students to turn the phrases into complete sentences with a passive construction. For example:
First the body panels are cut. Then...
- 5 Ask the students to study the diagram showing the layout of the plant and to read the sentences under the section marked 'Notes'.
- 6 Ask the students to look at the list of different sites listed at the bottom of the worksheet. Explain that they must choose a suitable location for each stage of the process.
- 7 Ask students to work in pairs or groups to decide which location on the diagram is best suited for each function, bearing in mind the sentences under the 'Notes' section.
- 8 When they have finished, ask the students to present their layout to the rest of the class and to give reasons for their decisions.

FOLLOW-UP

Ask the students to work in pairs to draw their own plan of the layout of a factory and then to take another pair of students on a guided tour of the plant, explaining the various steps in the process as they go.

ANSWERS

- a the body panels are cut.
- b the panels are welded.
- c the body is painted.
- d the components are fitted.
- e the doors are added.
- f the engine is put in.
- g the finished car is tested.
- h the car is despatched.