

The engineering design process



Activity 7



Put the steps below for the design of a table into the correct order.

The first step has been done for you.

f Sketches and 3D model of the final table design are created.

e The folding table is built in the factory.

d The folding table is tested against the requirements in on the brief.

a The designer thinks about how the design problem can be solved.

b The designer is given a description of the design problem.

c The designer researches into folding tables.

Design problem:
Desk takes up too much space in the room.

| | Stage | Step |
|---|--|----------|
| 1 | Design problem or brief | b |
| 2 | Analyse the problem | |
| 3 | Research and planning | |
| 4 | Design possibilities and final solutions | |
| 5 | Produce the final product | |
| 6 | Test and evaluate the product | |