

# Scales of Production

1 One-off production is used to make bespoke and custom-made products.

a) Give **one** benefit to the customer of this type of production.

.....  
[1 mark]

b) Explain why products manufactured by one-off production are likely to be expensive.

.....  
.....  
[2 marks]

2 Sheets of glass are usually produced by continuous production.

a) What is meant by the term 'continuous production'?

.....  
.....  
[1 mark]

b) Give **one** advantage of using continuous production.

.....  
[1 mark]

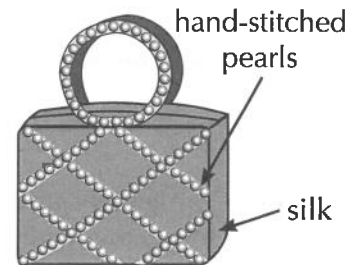
c) Name **one** other product that could be made using continuous production.

.....  
[1 mark]

3 **Figure 1** shows a one-off designer bag. A manufacturer wants to mass produce a similar bag.

a) Describe the types of product that are most commonly mass produced?

.....  
.....  
.....  
[2 marks]



**Figure 1**

b) Describe **two** ways in which the bag in **Figure 1** could be adapted for mass production.

- 1. ....
  - 2. ....
- [2 marks]

c) Why can mass production be expensive to set up?

.....  
[1 mark]

**4** The scale of the production of a product can affect its design.

Choose **one** of the products given below. Suggest how making 1, 300 and 10 000 of the product would affect its design. State the type of production that would be used for each quantity.

Desk	Formal shoes	Earrings
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Name of product: .....

a) 1 Type of production: .....

How design is affected: .....  
.....  
[3 marks]

b) 300 Type of production: .....

How design is affected: .....  
.....  
[3 marks]

c) 10 000 Type of production: .....

How design is affected: .....  
.....  
[3 marks]

**5** State whether one-off, batch, mass or continuous production would be the best method of production in the following situations. Explain your answer in each case.

a) Production of 150 double bed frames and 200 single bed frames.

.....  
.....  
[2 marks]

b) Production of a 5-door family car.

.....  
.....  
[2 marks]

Score:  / 24

