

- 3** Barkis & Co Ltd manufacture specialised containers for use under water. The business uses two machines. These machines have different levels of efficiency. The following information applies to production and costs:

Orders have been received from different customers for **(a)** 800 and **(b)** 1000 containers. Which machine should be used for each order, in order to minimise cost? Orders may not be split between machines, but the same machine may be used for more than one order.

[9]