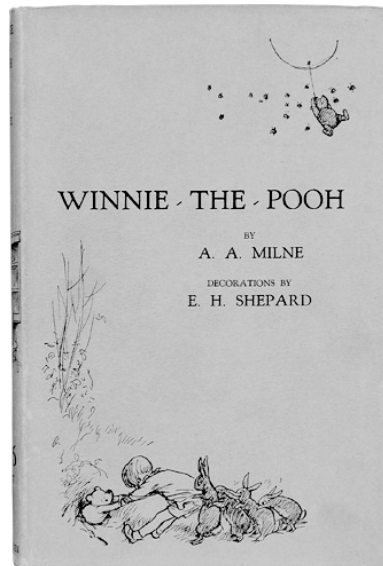


Read this page, then answer the questions which follow.

Context

Across the world, people (known as book collectors) buy rare books. These books are often quite old. They can be very valuable if only a few original copies are left. For example, a rare copy of the children's book 'Winnie The Pooh', originally published over 80 years ago for less than £1, was recently bought by a book collector for £3 000.



Hari Petersen buys and sells rare books. *Hari Petersen Books (HP Books)* started in 1959 when Hari's father began selling rare books from a market stall. Hari became a partner in 1967. By 1991 Hari was running the business as a sole trader and had opened a shop in London. There are now over 10 000 rare books for sale in the *HP Books* shop.

Specialist employees work in the shop. There is a monthly *Hari Petersen* catalogue containing details of books for sale, which is posted to existing customers, and a website where book collectors can see details of the rare books and buy them.

Some rare books bought by *HP Books* are in poor condition. Therefore, Hari plans to set up another business, *Petersen Bindery*. At *Petersen Bindery*, Hari will employ experts to re-bind (put new covers on) books where the covers need repairing or replacing.

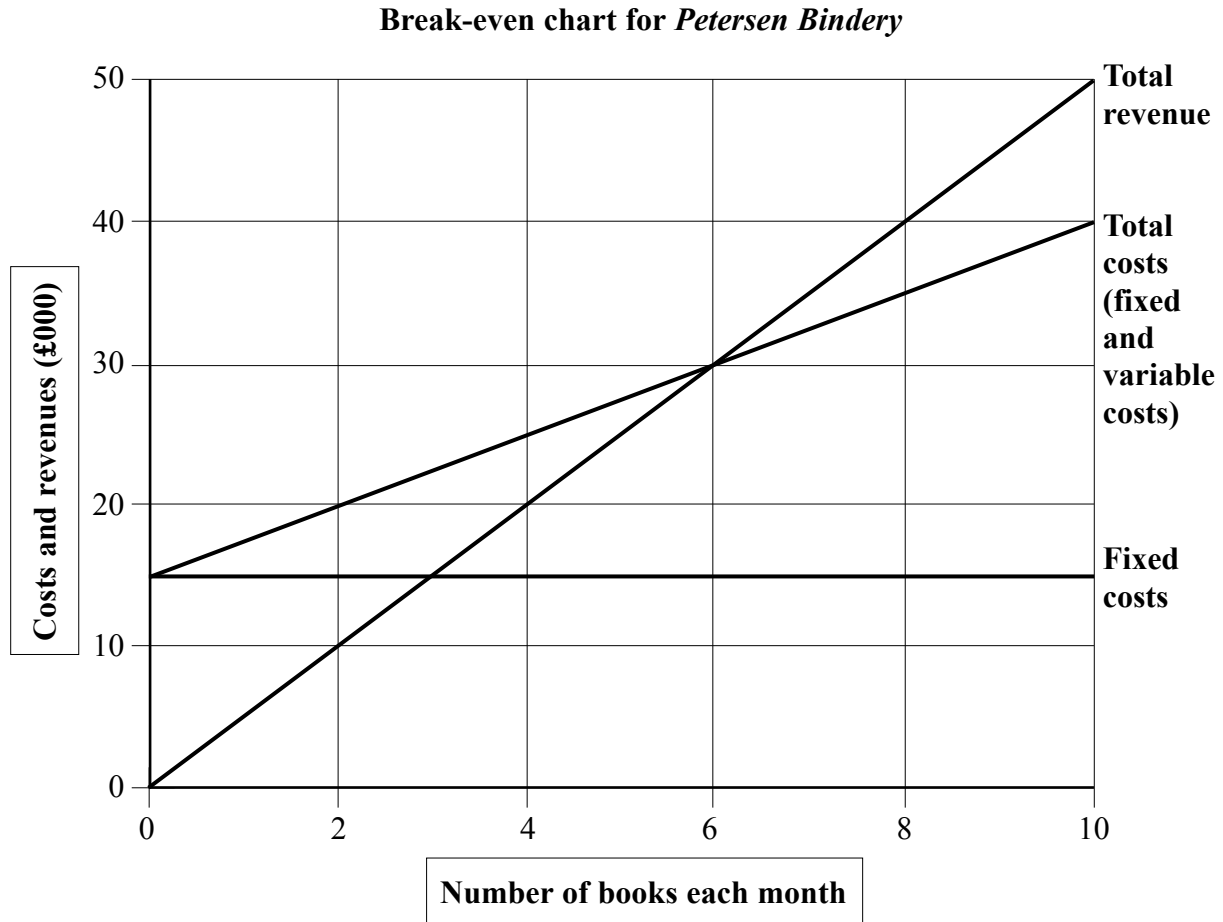


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1. Hari is setting up *Petersen Bindery*, a business that will re-bind (put new covers on) books. This will allow Hari to sell these books at higher prices.

Hari has constructed the break-even chart below for *Petersen Bindery*.



(a) Using the chart

- (i) what would be the break-even number of books?

..... (1)

- (ii) what would be the break-even revenue?

£ (1)



(iii) what is the profit or loss for *Petersen Bindery* if it re-binds and sells

- 4 books each month
- 10 books each month?

In each case, state whether it is a profit or a loss.

4 books

10 books

(4)

(b) What is the difference between fixed costs and variable costs?

.....
.....
.....
.....

(2)

Hari is employing experts to re-bind the books, which he will sell in the *HP Books* shop. The new covers for the books will be made from expensive leather.

(c) Name **one** likely fixed cost and **one** likely variable cost for *Petersen Bindery*.

.....
.....
.....
.....

(2)

(d) Name **two** financial rewards that Hari might give employees of *Petersen Bindery*.

.....
.....
.....
.....

(2)



3. Hari and his father used to be in partnership. However, Hari's father died in 1991. Hari now runs *HP Books* as a sole trader.

Hari considered the following factors when deciding to run *HP Books* as a sole trader.

- Control
- Use of profits.

(a) Analyse how **one** of the above factors might have encouraged Hari to run *HP Books* as a sole trader rather than to look for another partner.

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(4)



