

**Q1.** Mrs Jones prints books.

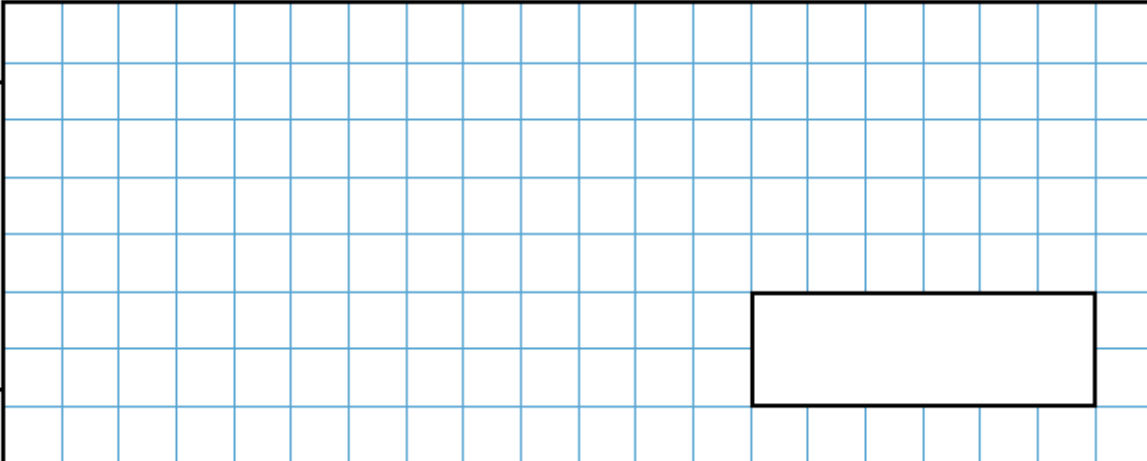
**PRINT CHARGES**

3p per page

75p for the cover

- a) Jon pays **£4.35** for his book, **including the cover**.  
How many **pages** are in his book?

Show your method



- b) Write a formula for the **total cost** of printing a book with cover.

**t** stands for the total cost in pence.

**n** stands for the number of pages.

**t** = \_\_\_\_\_

**Q2.** Maria bakes cakes and sells them in bags.



She uses this formula to work out how much to charge for one bag of cakes.

**Cost = number of cakes  $\times$  20p + 15p for the bag**

How much will a bag of 12 cakes cost?

£

Olivia buys a bag of cakes for £5.15

Use the formula to calculate how many cakes are in the bag.

Show  
your  
method

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**Q3.** Alfie has some photographs printed.

The cost is £2.50 for postage and 12 pence for each print.

Alfie uses this formula for the total cost (**C**) in pence.

$$C = 250 + 12n$$

*n* stands for the number of photographs.

The total cost for Alfie is **£6.70**

How many photographs does he have printed?

Show your method

