

Paper Reference 1MA1/2F
Pearson Edexcel
Level 1/Level 2 GCSE (9–1)

Mathematics
Paper 2
(Calculator)
Foundation Tier

Thursday 7 November 2019 – Morning

Diagram Book

In the boxes below, write your name, centre number and candidate number.

| | | | | | |
|------------------|--|--|--|--|--|
| Surname | | | | | |
| Other names | | | | | |
| Centre Number | | | | | |
| Candidate Number | | | | | |

INSTRUCTIONS

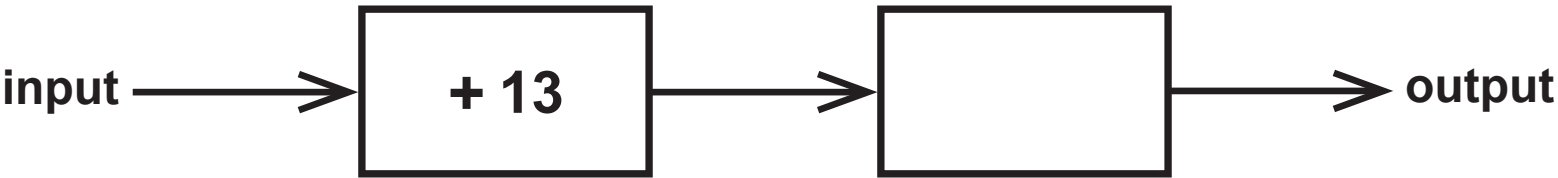
There may be spare copies of some diagrams in case you need them.

**THIS DIAGRAM BOOK MUST BE RETURNED WITH THE
QUESTION PAPER AT THE END OF THE EXAMINATION.**

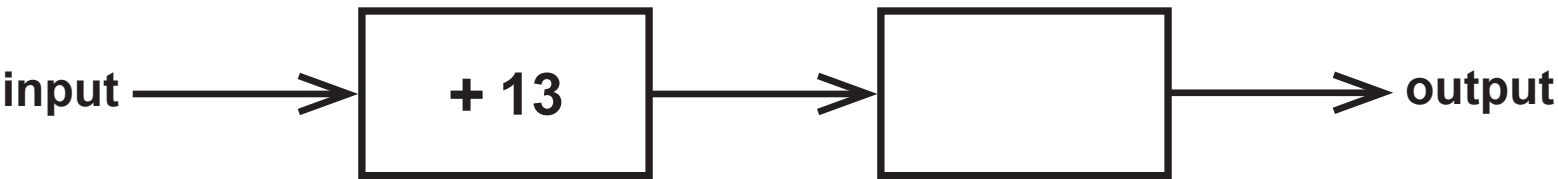
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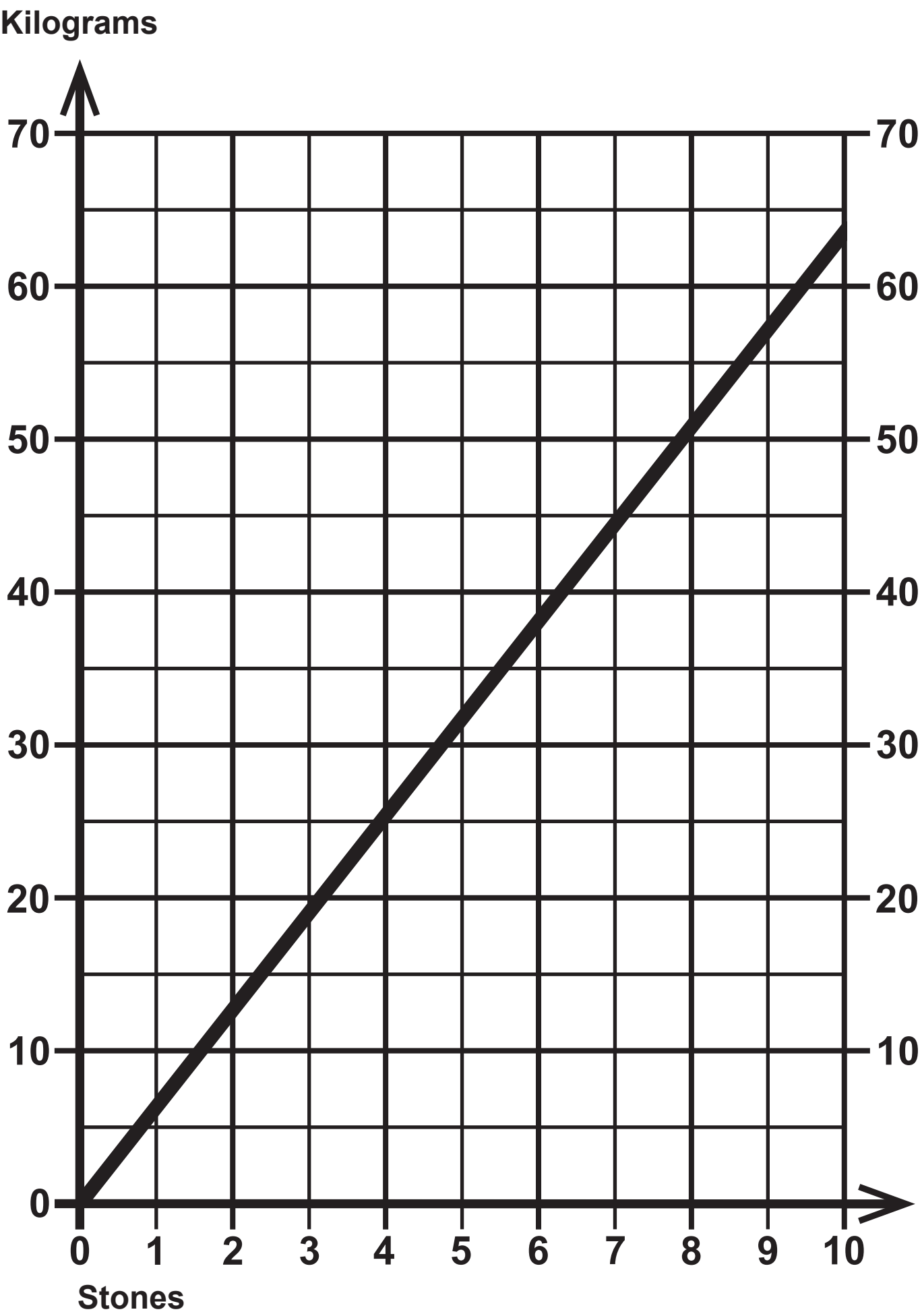
Question 8(b)



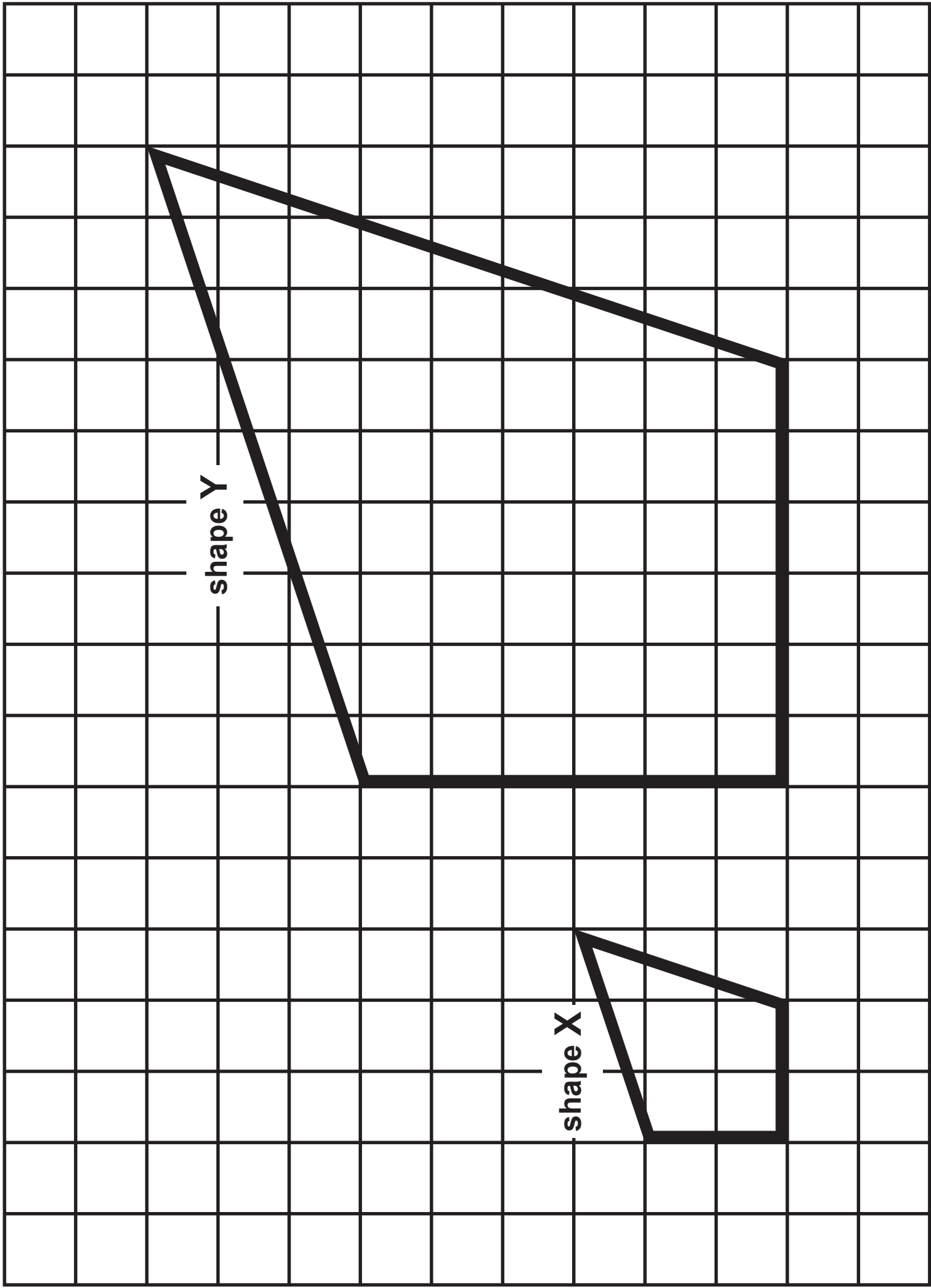
Question 8(b) (Spare copy)



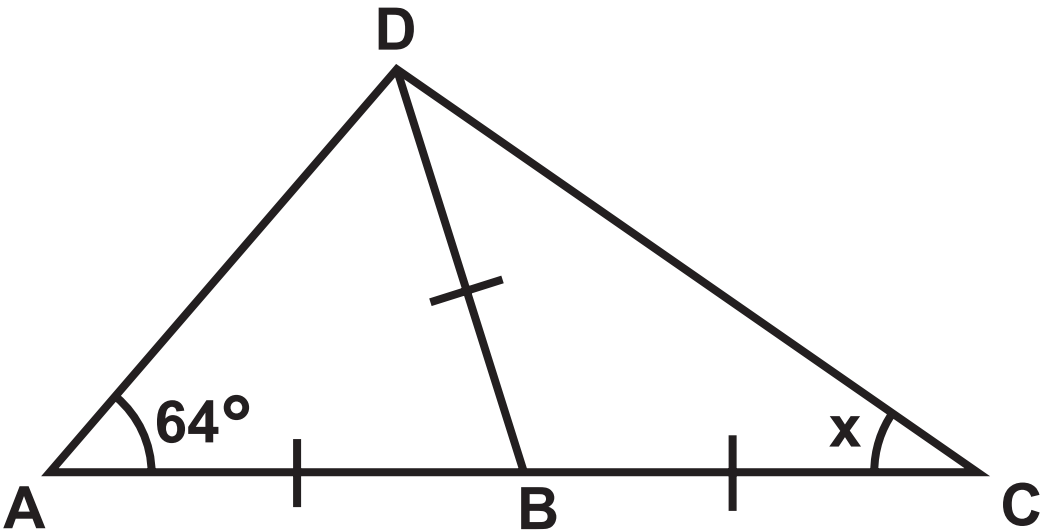
Question 11



Question 13



Question 17



Question 18(b)

| | |
|-----------------|--|
| $3h + 2 = 14$ | |
| $3r + 4s - 2t$ | |
| $A = \pi r^2$ | |
| $5m - 3m = 2m$ | |
| $y + 7 \leq 12$ | |

Question 18(b)

| | |
|-----------------|--|
| $3h + 2 = 14$ | |
| $3r + 4s - 2t$ | |
| $A = \pi r^2$ | |
| $5m - 3m = 2m$ | |
| $y + 7 \leq 12$ | |

Question 19

Biscuits

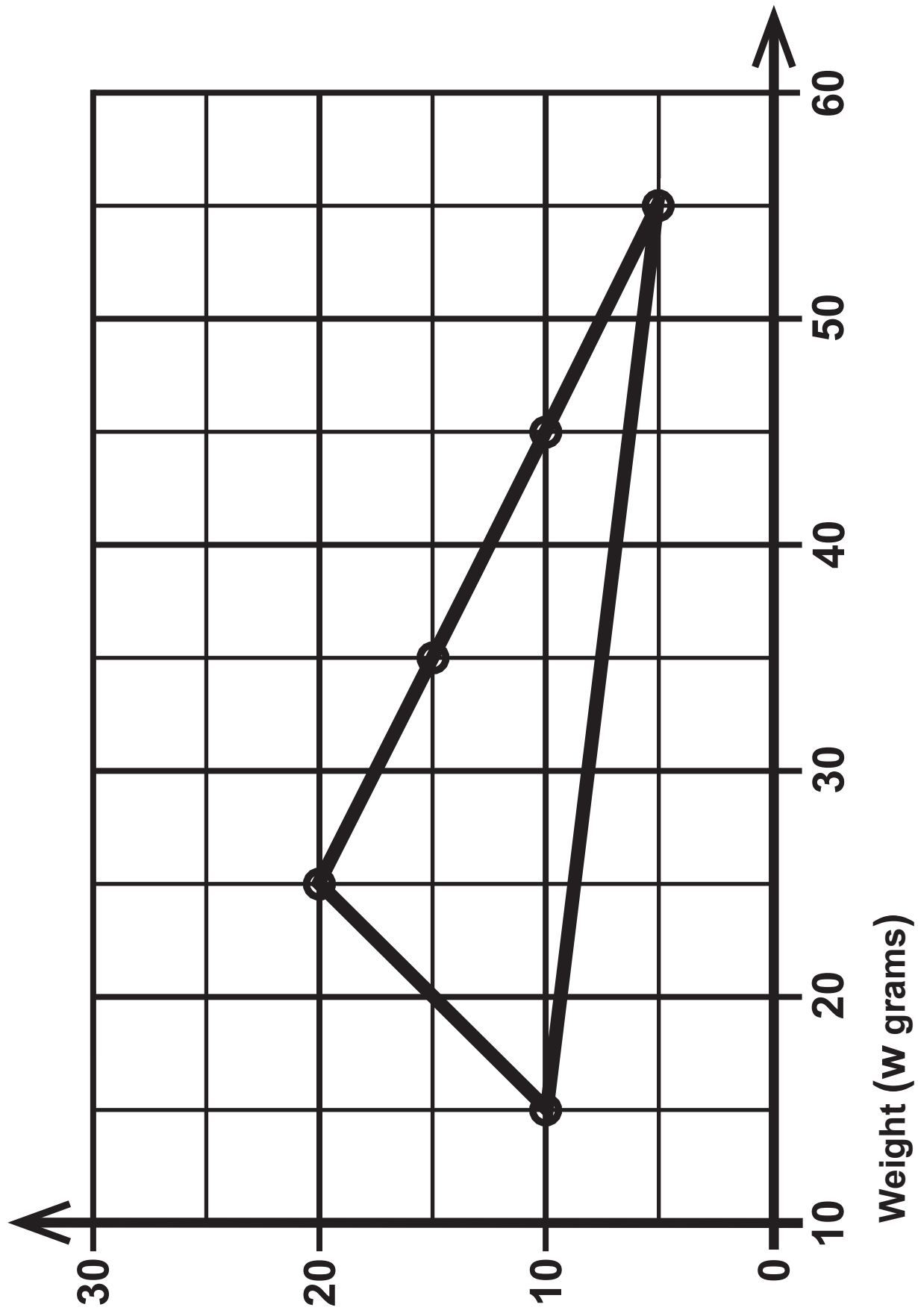
Ingredients to make 16 biscuits

175 grams of butter

75 grams of sugar

250 grams of flour

Question 21



Question 23

Tom and Adam have a total of **240** stamps.

The ratio of the number of Tom's stamps to the number of Adam's stamps is **3 : 7**

Tom buys some stamps from Adam.

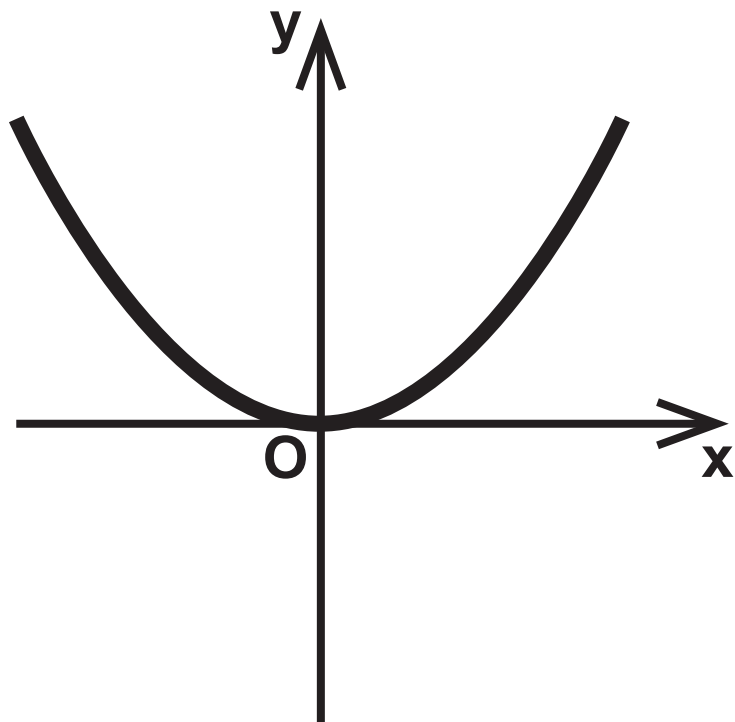
The ratio of the number of Tom's stamps to the number of Adam's stamps is now **3 : 5**

Question 24

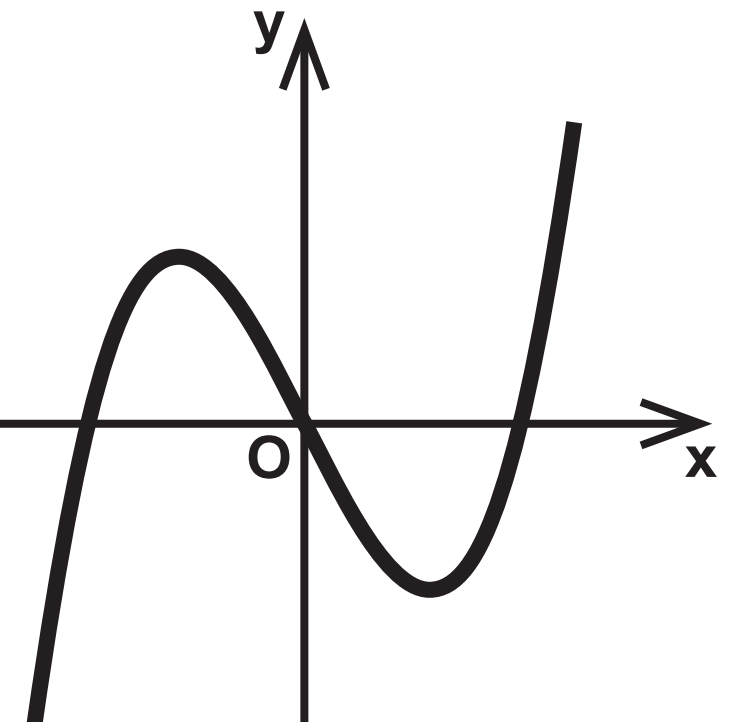
| Gift | Number of people |
|------------|------------------|
| sports bag | 17 |
| gym towel | 7 |
| headphones | 11 |
| voucher | 15 |

Question 25

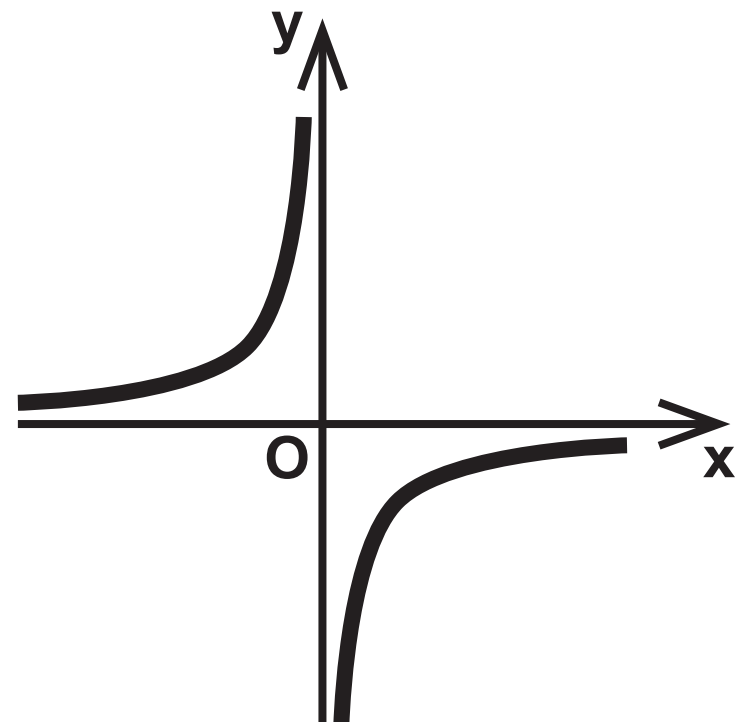
Graph A



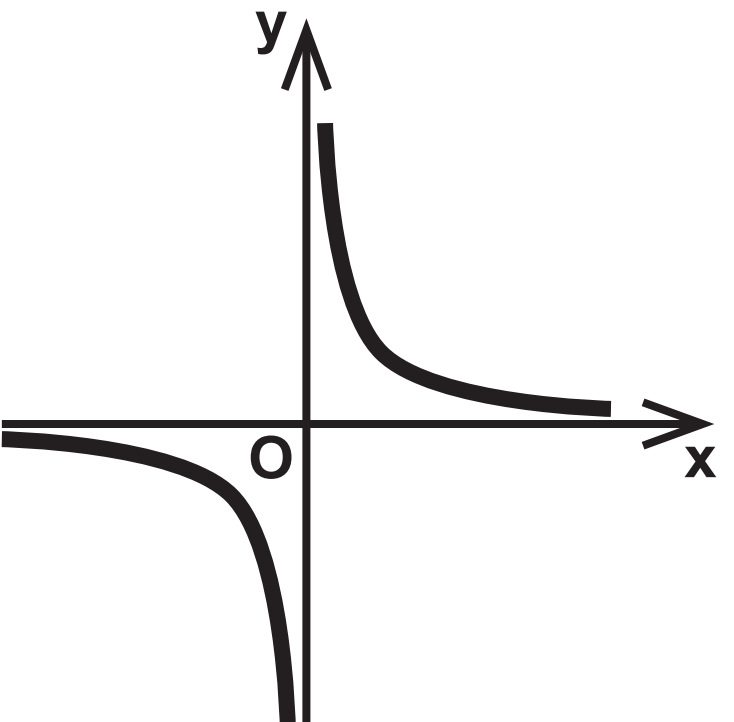
Graph B



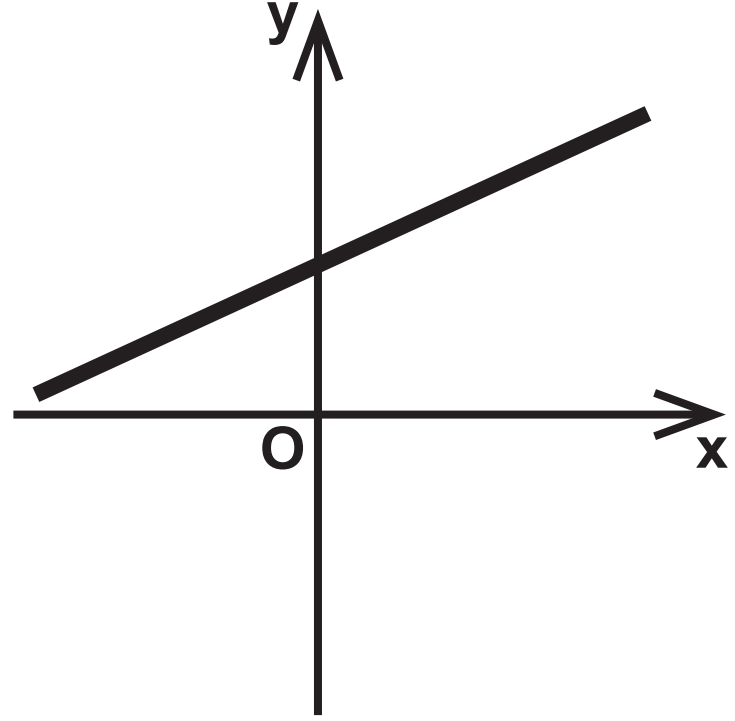
Graph C



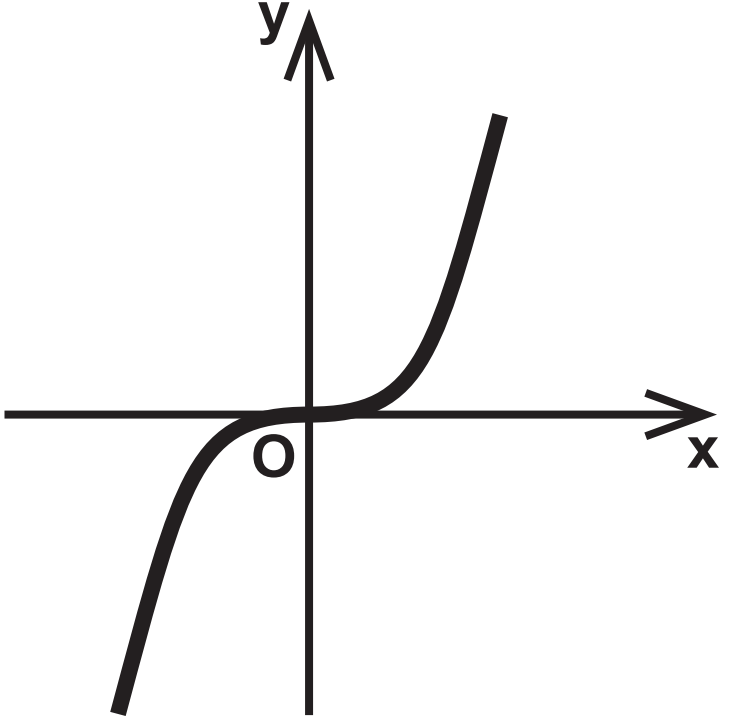
Graph D



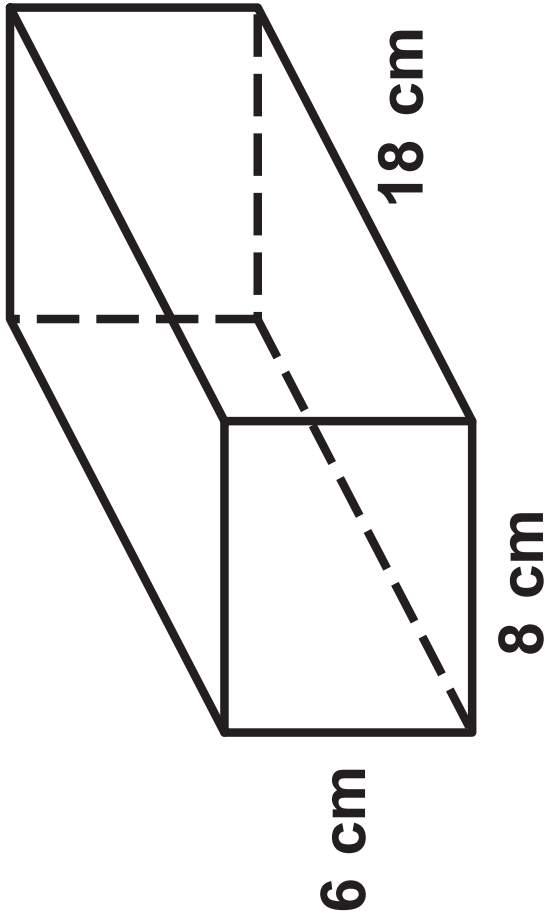
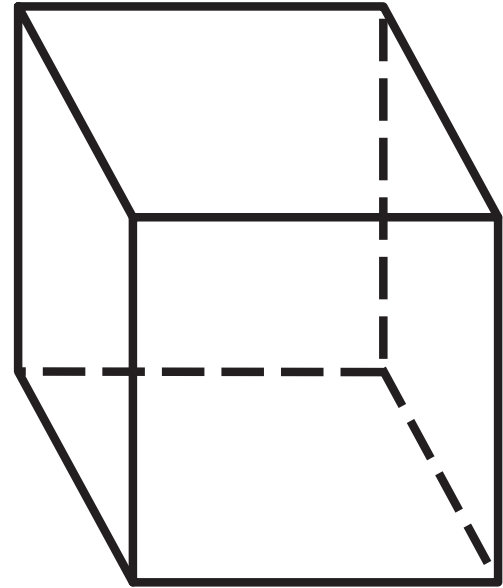
Graph E



Graph F



Question 29



Question 30

[illegible]

