Paper Reference 4MA1/2FR

Pearson Edexcel

International GCSE

Mathematics A

PAPER 2FR

Foundation Tier

(Calculator)

Diagram Booklet

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

Surname	
Other names	
Centre Number	
Candidate Number	

V68728A

INSTRUCTIONS

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

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

Contents

Page

Contents continued.

Question 1

| Country	Area of forest (km^2)
South Africa	92 410
Denmark	5871
El Salvador	2870
Bahamas	5150
Jamaica	3371
Syria	4910

Question 2
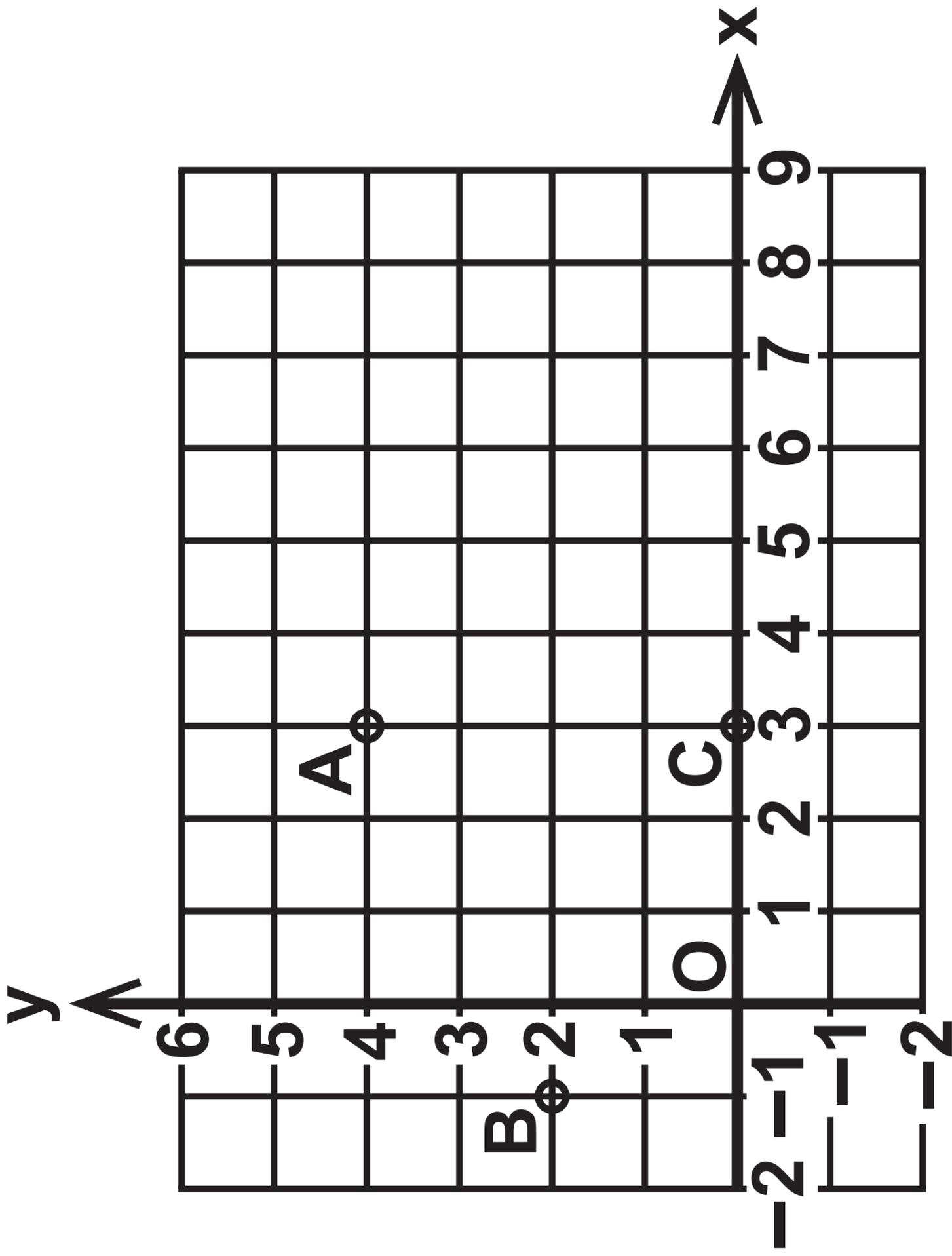
Question 2
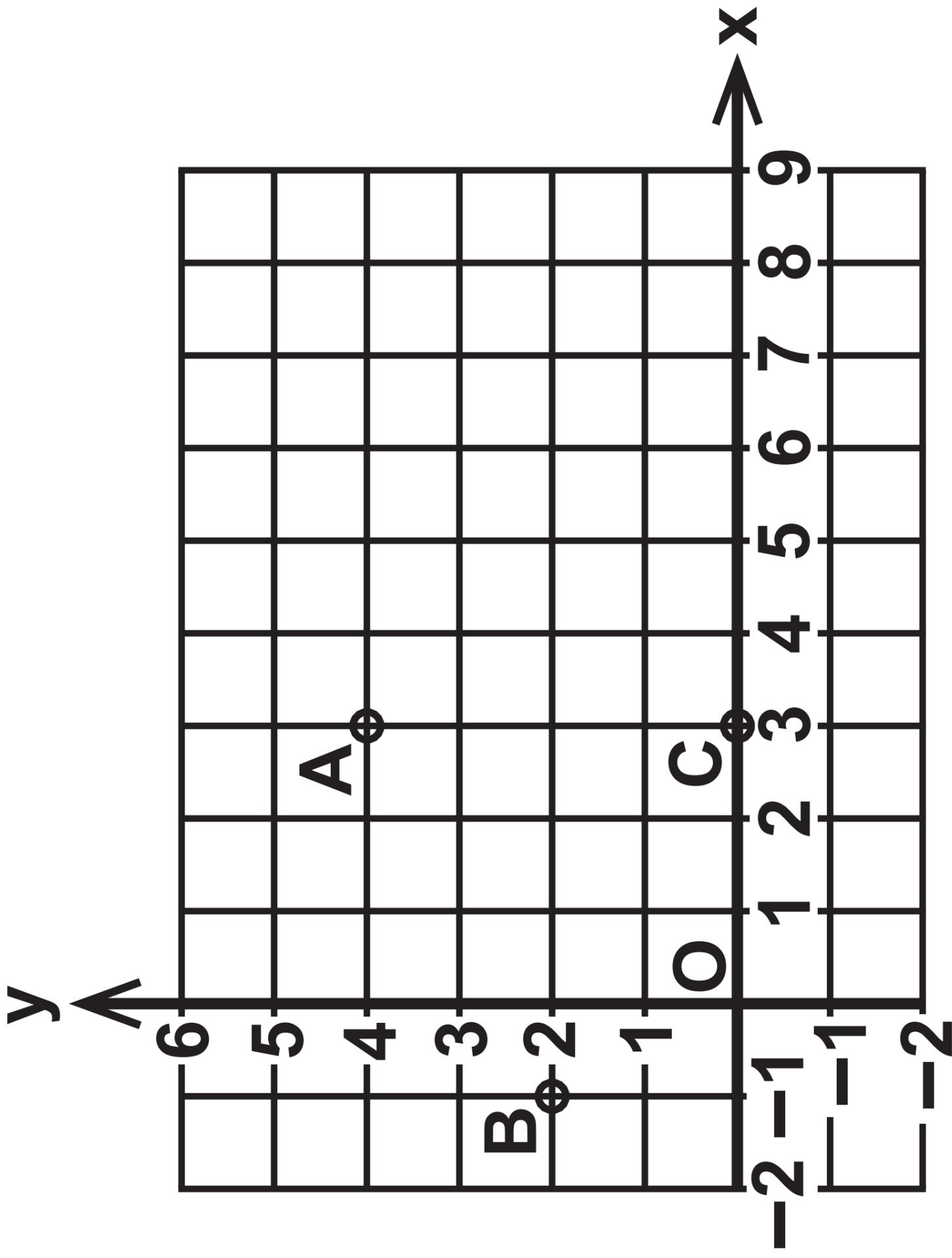
Question 3(a)
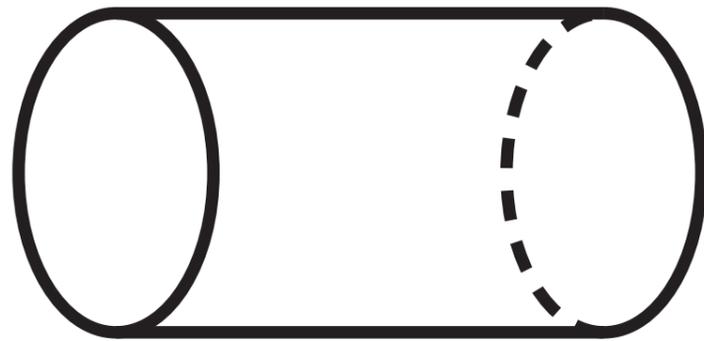
Question 3(b)
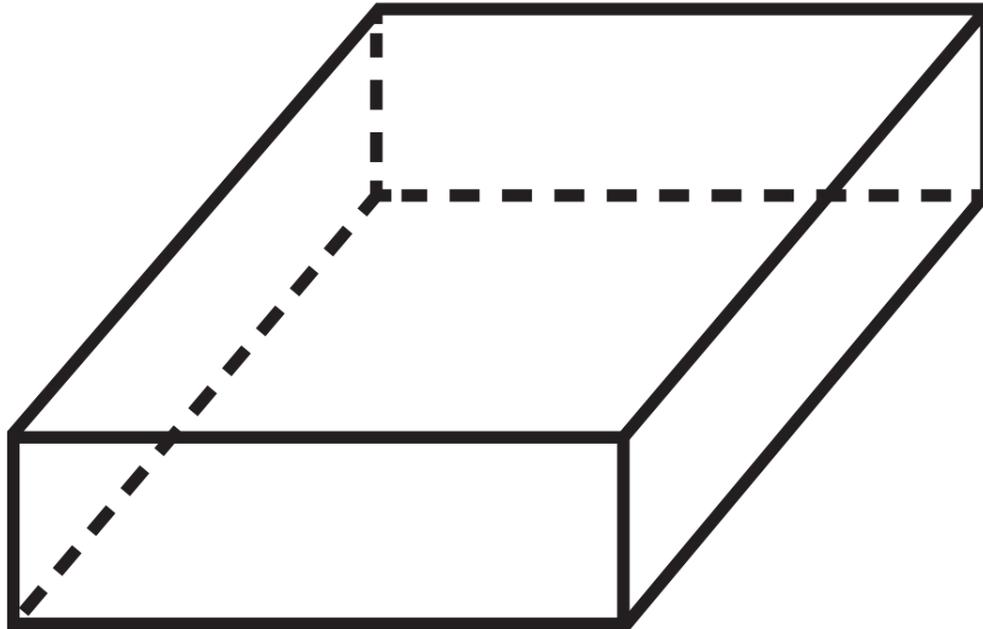
Question 6

## Diagrams NOT accurately drawn

Diagram 1
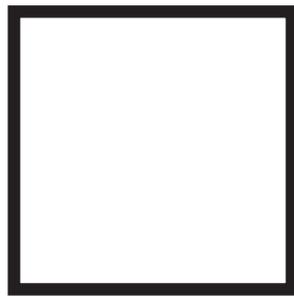
### Diagram 2
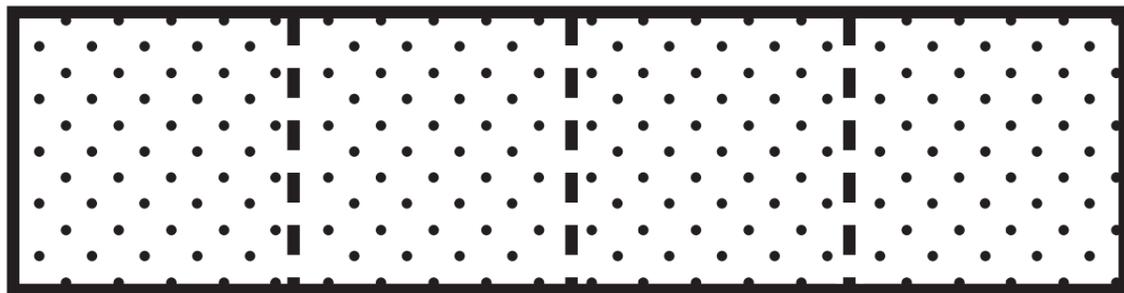
Question 8

Total cost = price per card × number of cards + fixed fee

price per card = 0·14 euros

fixed fee = 25 euros

Question 9

Diagram NOT accurately drawn
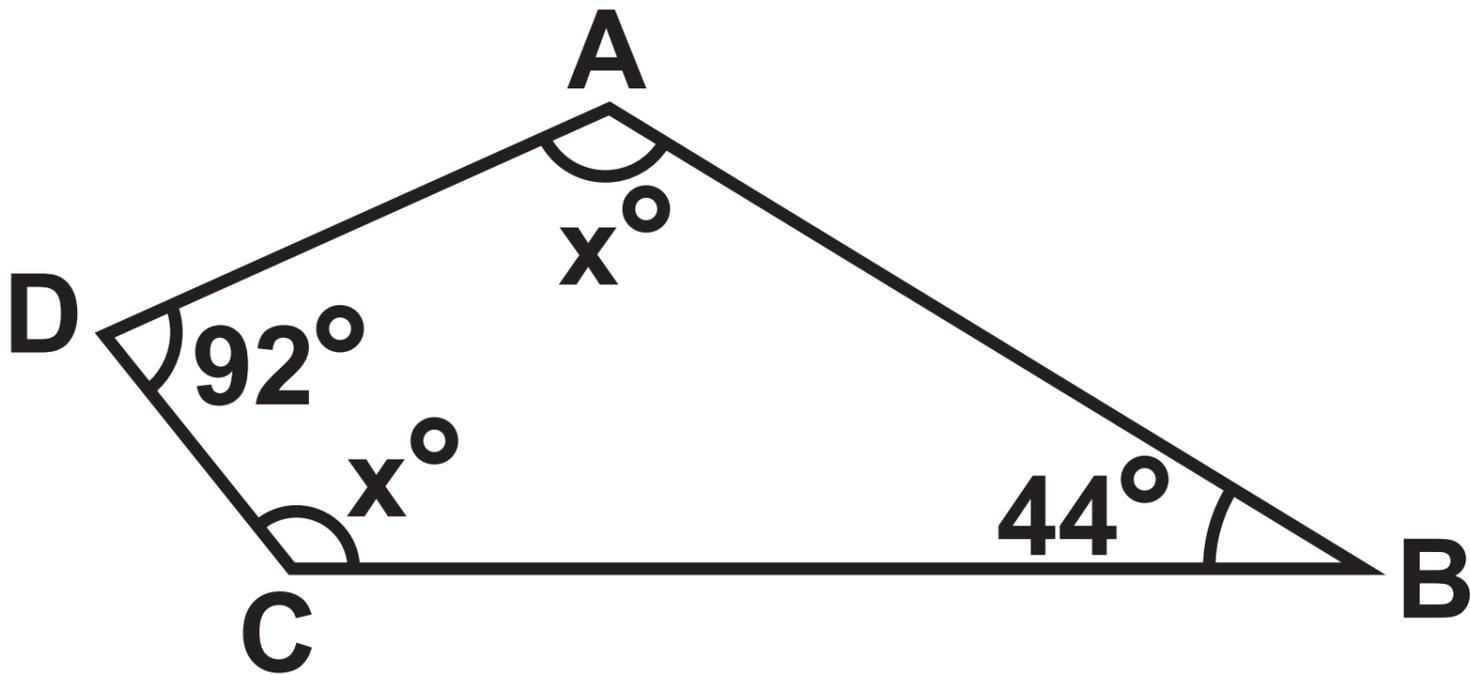
Question 11

Monday	Thursday
Tennis (T)	Volleyball (V)
Netball (N)	Badminton (B)
Hockey (H)	Tennis (T)

Question 13

Diagram NOT accurately drawn

45 cm

35 cm

65 cm
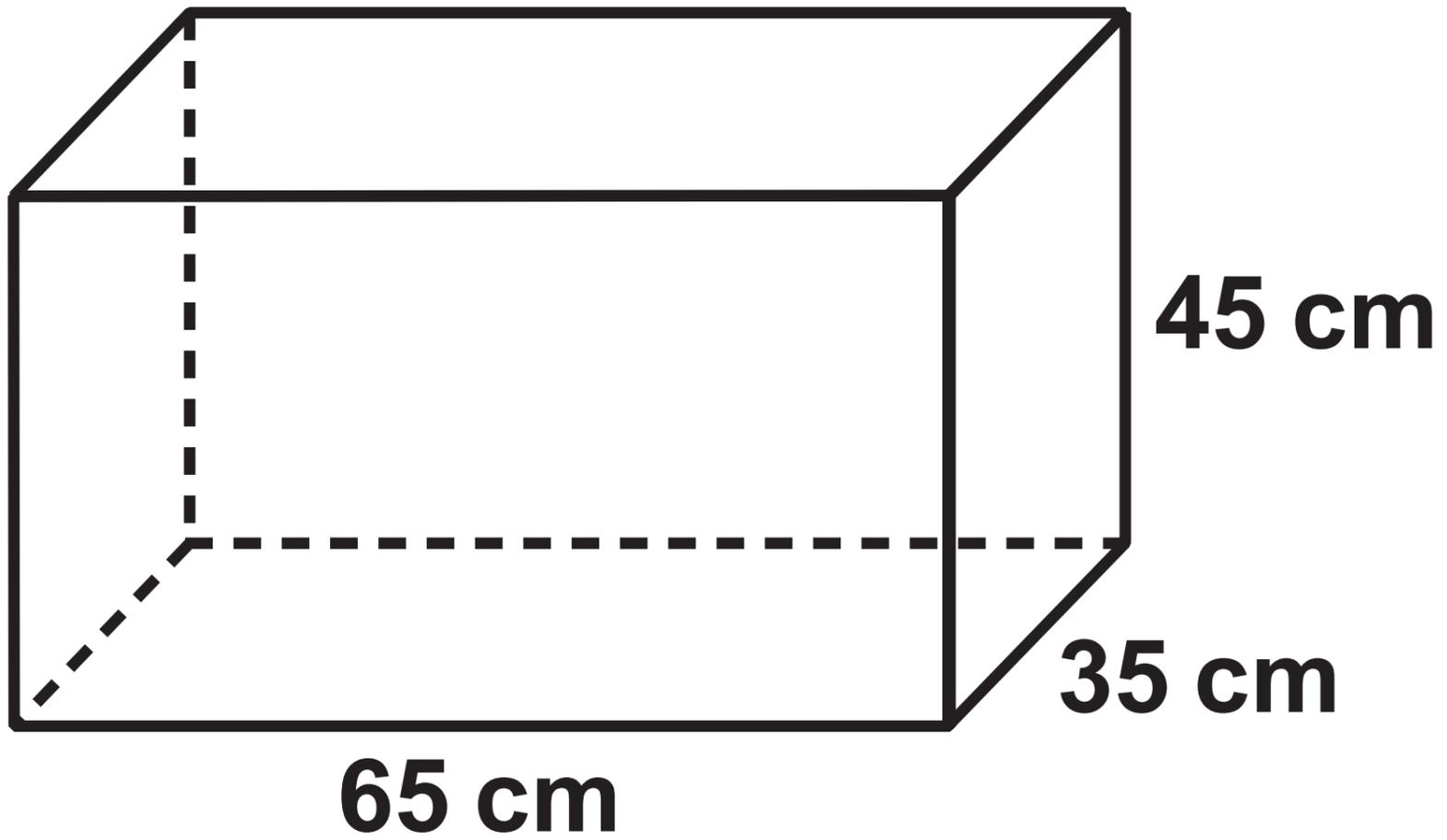
Question 17

Scale: 1 cm represents 250 metres

North

North

C

S
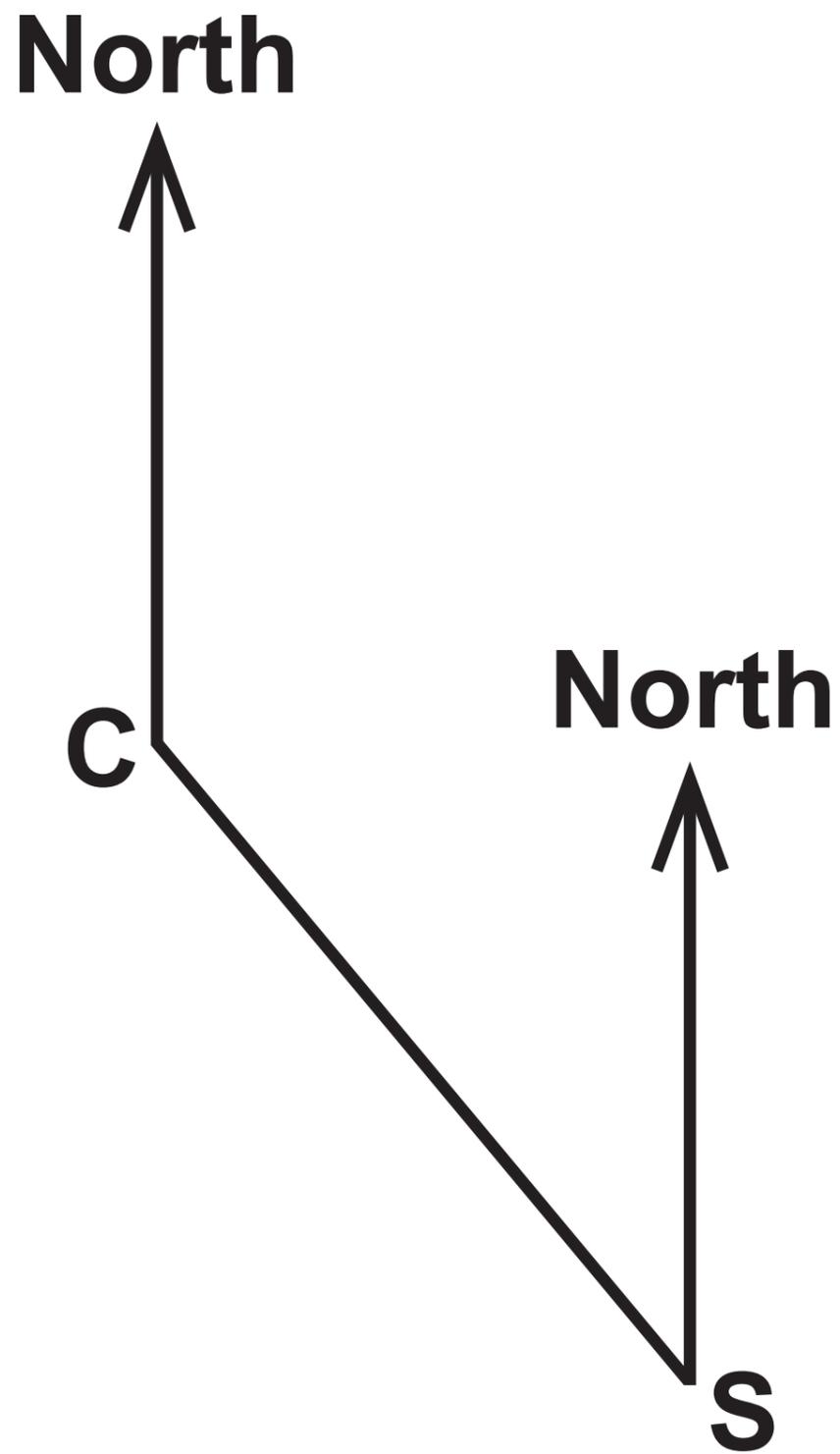
Question 18

Flavour of tea	Probability
Assam	0·38
Darjeeling	0·24
Nilgiri	
Rize	0·16

Question 19(b)

He has the two coupons shown below that will save him money on his holiday.

**Coupon A: 18%** off the cost of the accommodation

Coupon B: 12·5% off the total cost of the accommodation AND the flights

For Roberto's holiday
the cost of the accommodation is **$1600**
the cost of the flights is **$800**

Roberto can only use one of the coupons. He wants to save as much money as he can.

Question 21

Diagram NOT accurately drawn
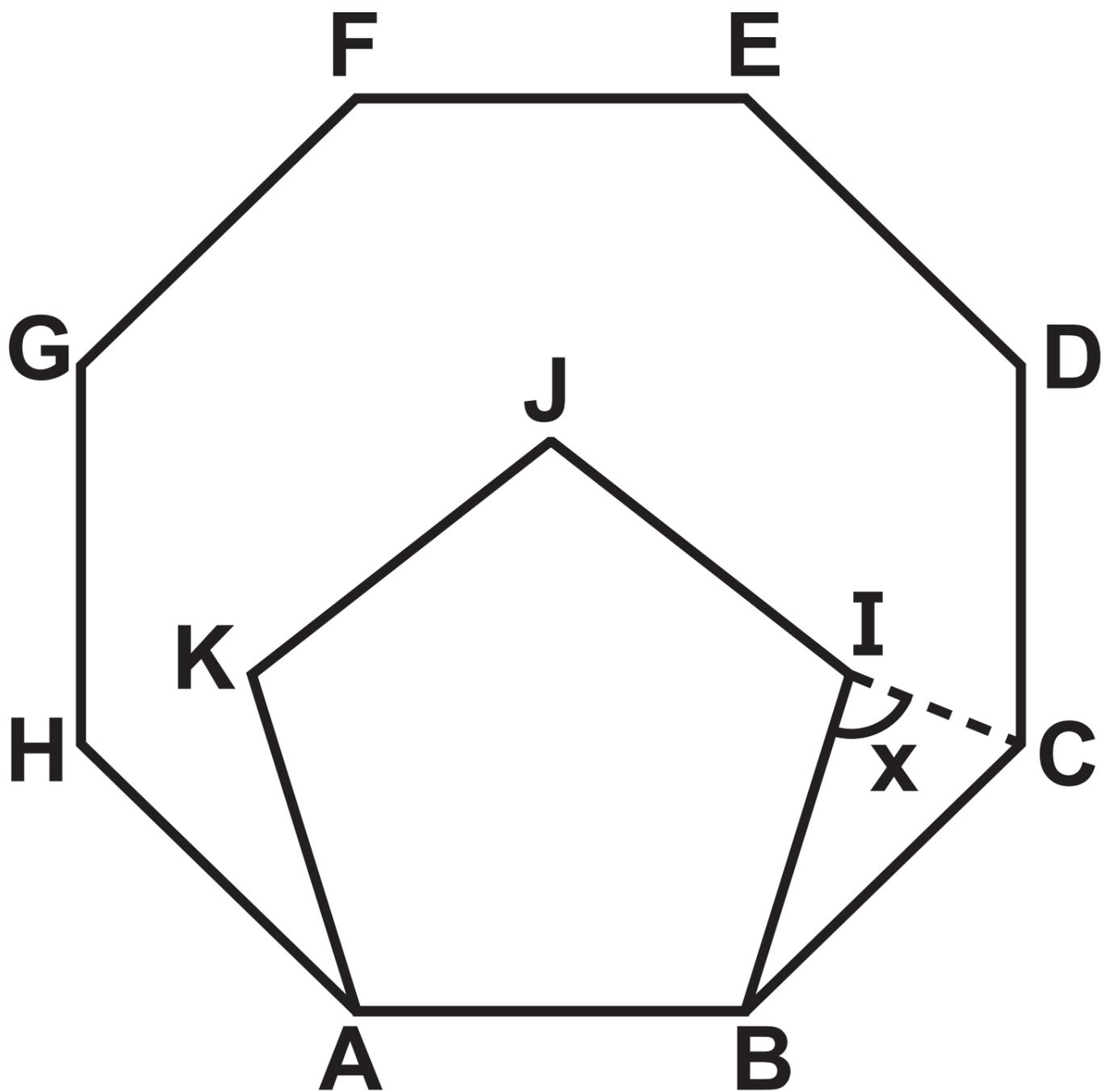
Question 24(b)
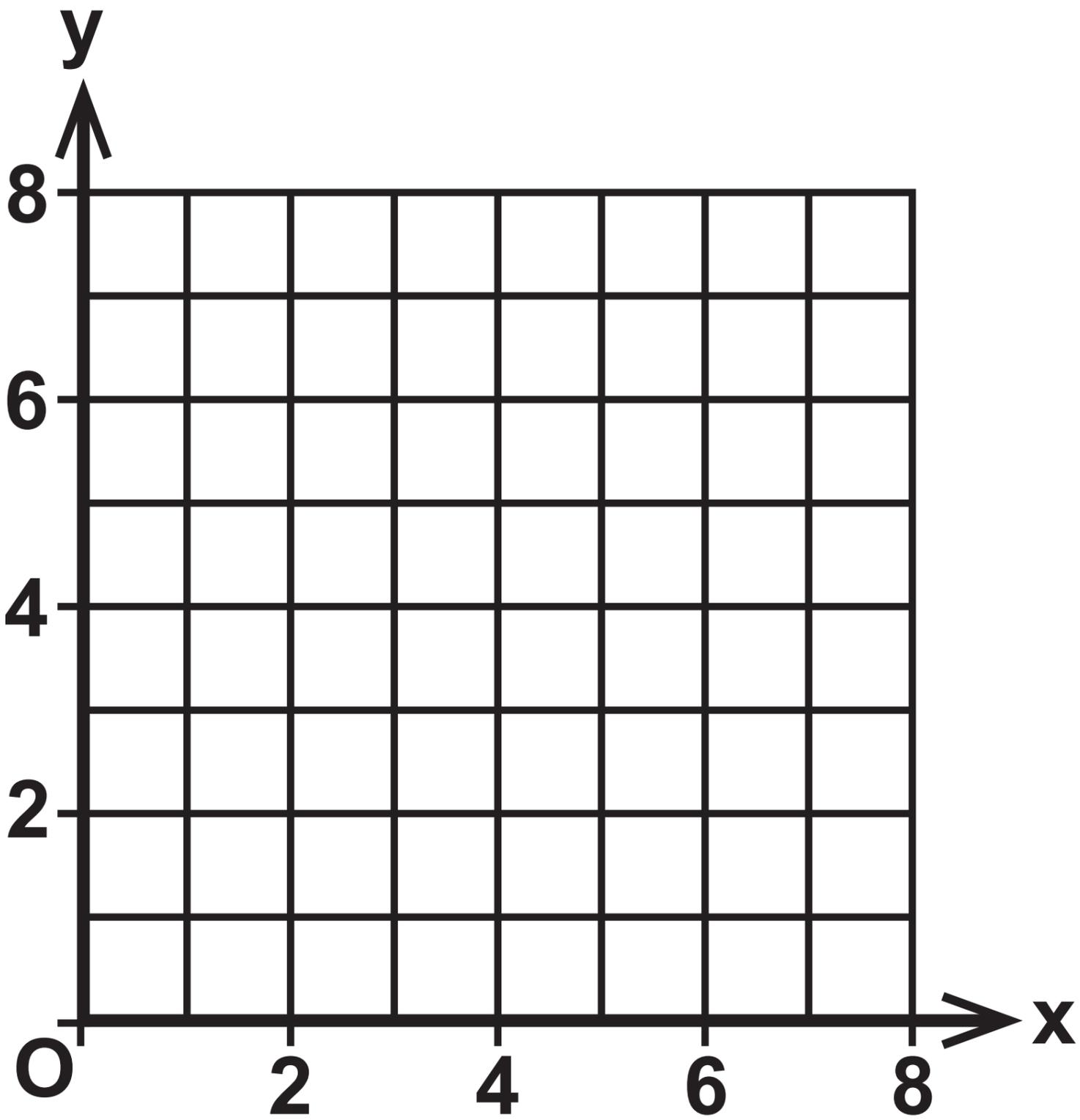
Question 24(b)
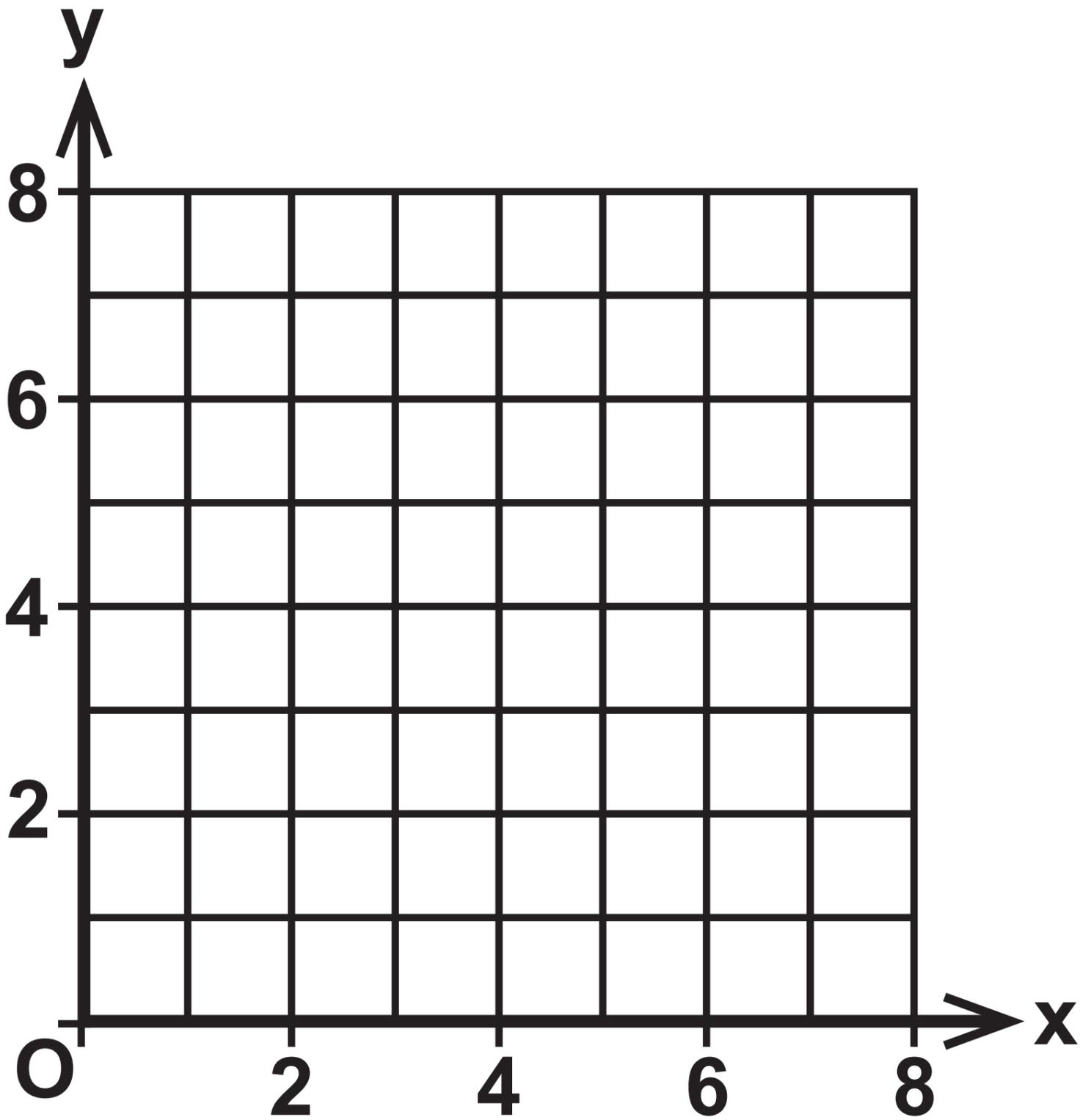
Question 25

Type of tiger	Siberian	Bengal
Number of tigers	22	28
Mean weight of tigers (kg)	260	

Diagram NOT accurately drawn

A

F

E

radius **3 cm**

D

30°

B

24 cm

C