

Mathematics A
PAPER 1FR (Calculator)
Foundation Tier

Thursday 16 May 2024 – Morning
Time: 2 hours

Diagram Booklet

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

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

Surname					
Other names					
Centre Number					
Candidate Number					

INSTRUCTIONS

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

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12	Question 21 Diagram
13	Question 23 Diagram
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Spare Copies

15	Question 4 Diagram
16	Question 6 (b) Diagram

Question 4

Key:

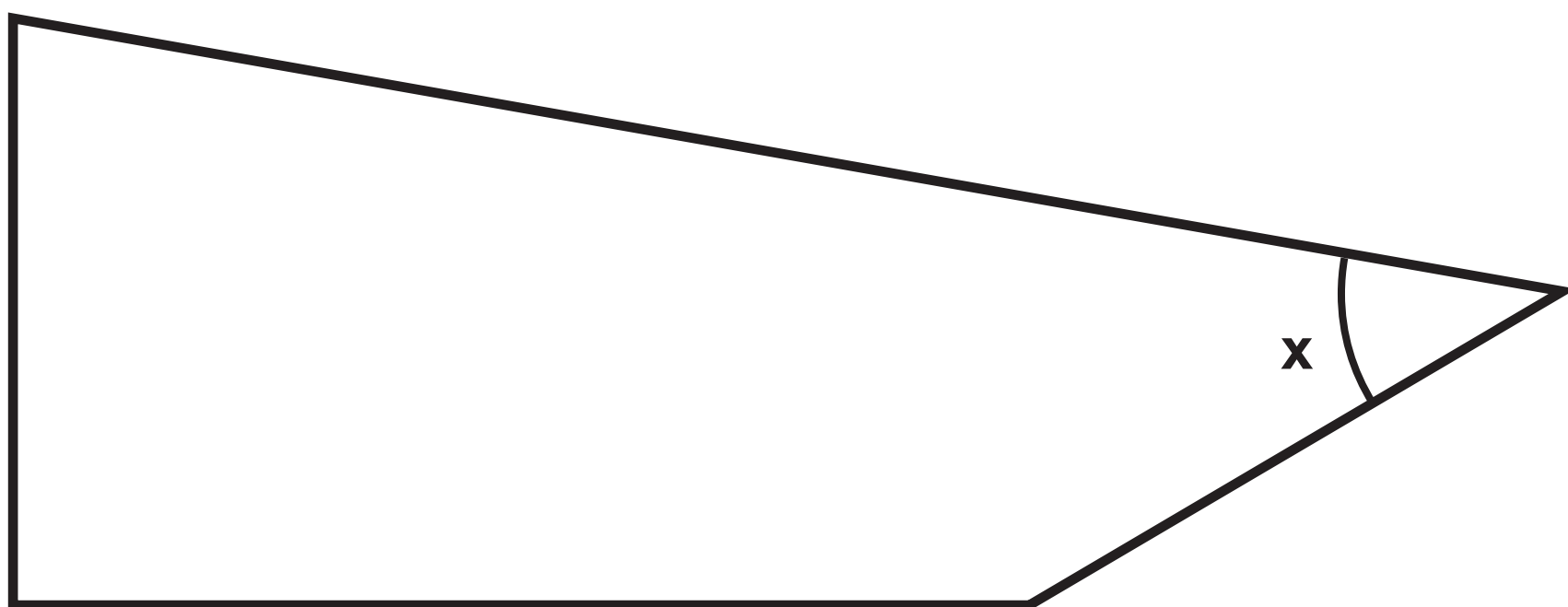
represents 8 dogs

Labrador	<div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div>
Retriever	<div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div>
Cockapoo	<div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div></div>
Bulldog	<div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div>
Spaniel	
Terrier	<div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div>

Question 5

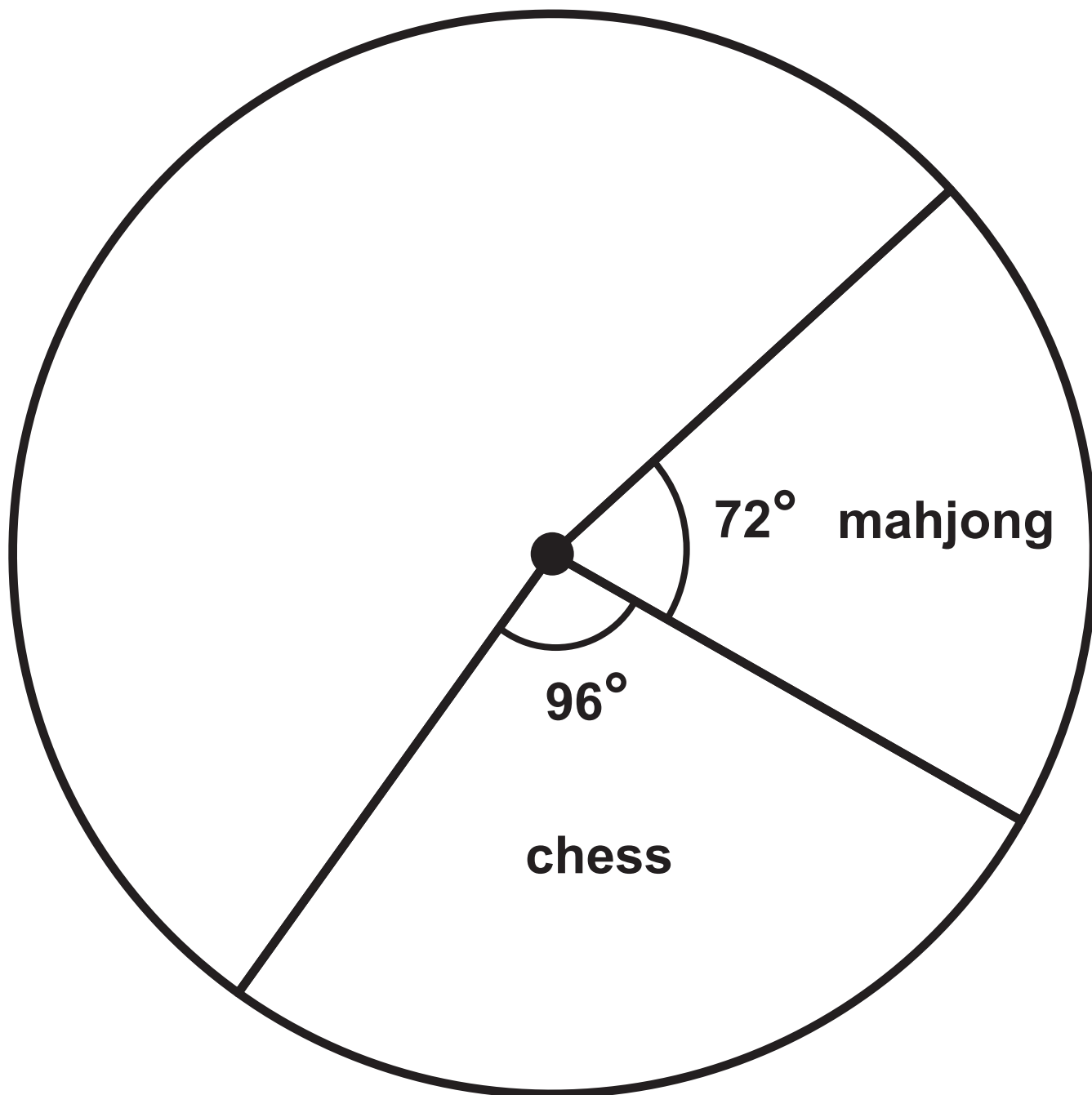
CITY	TEMPERATURE
Yinchuan	− 8°C
Mumbai	24°C
Tallinn	− 3°C
Valencia	12°C
Saskatoon	−14°C

Question 6 (b)

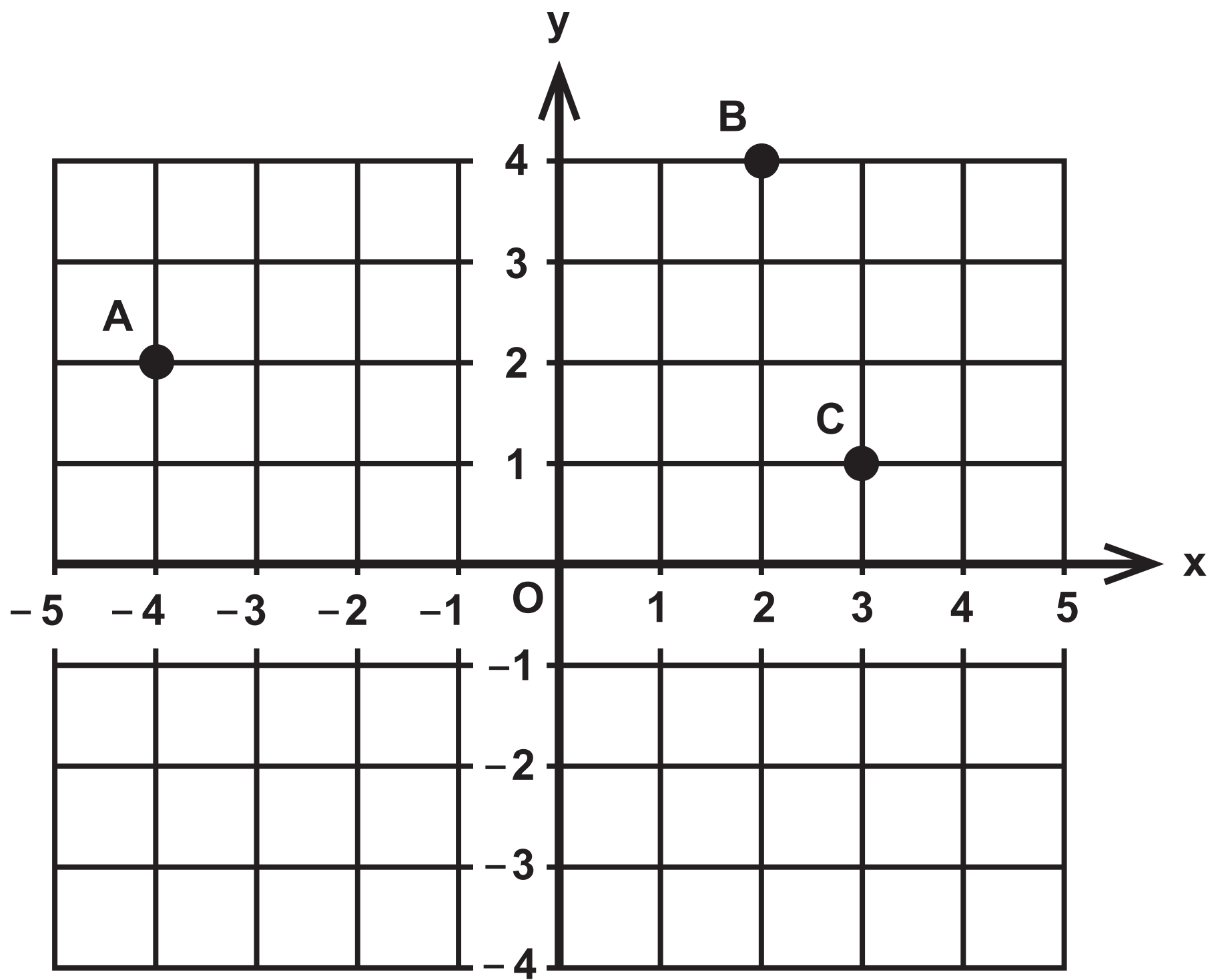


Question 7

Diagram NOT accurately drawn

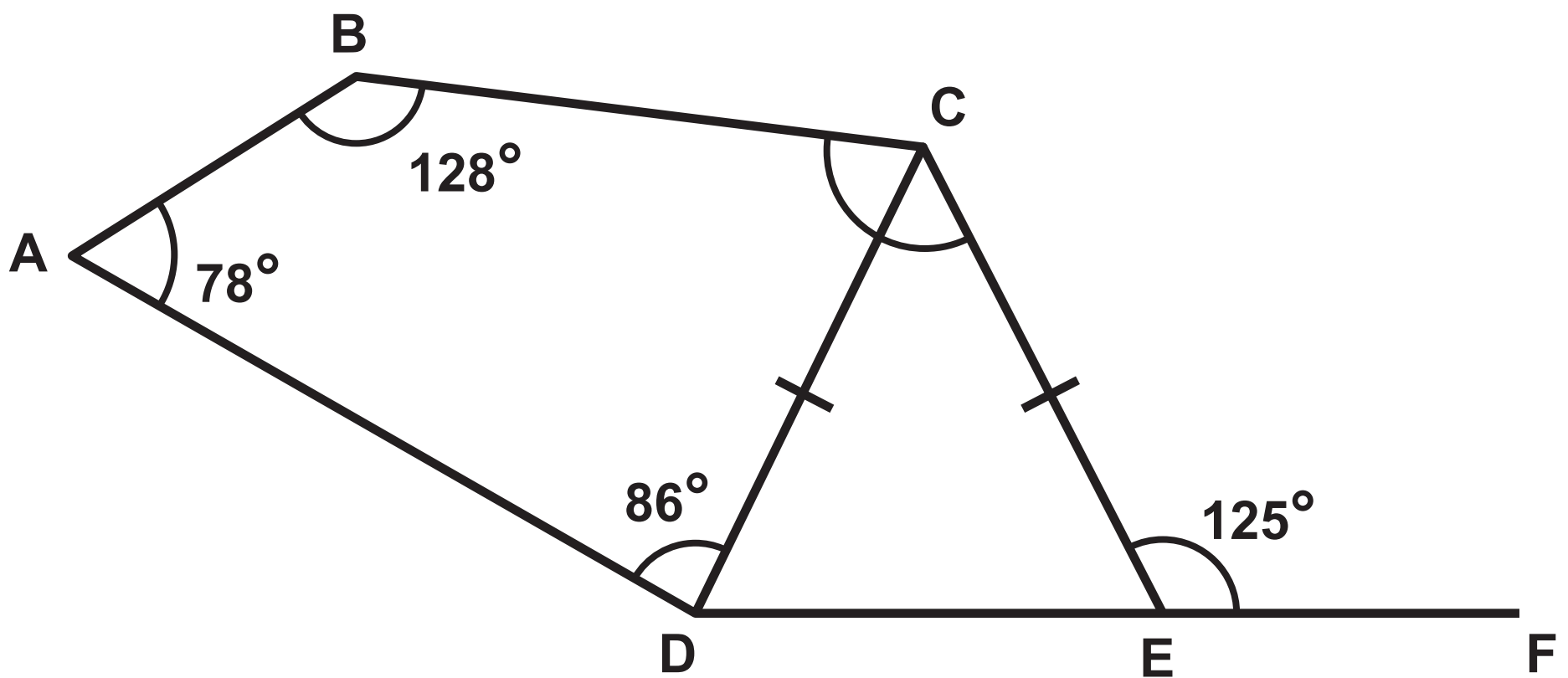


Question 9



Question 12

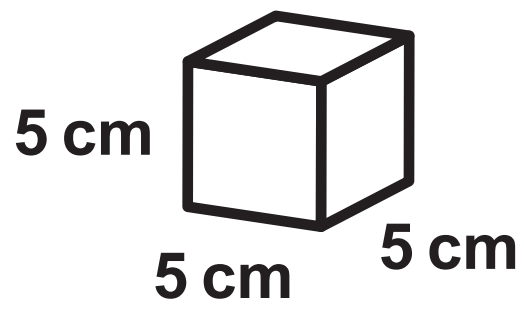
Diagram NOT accurately drawn



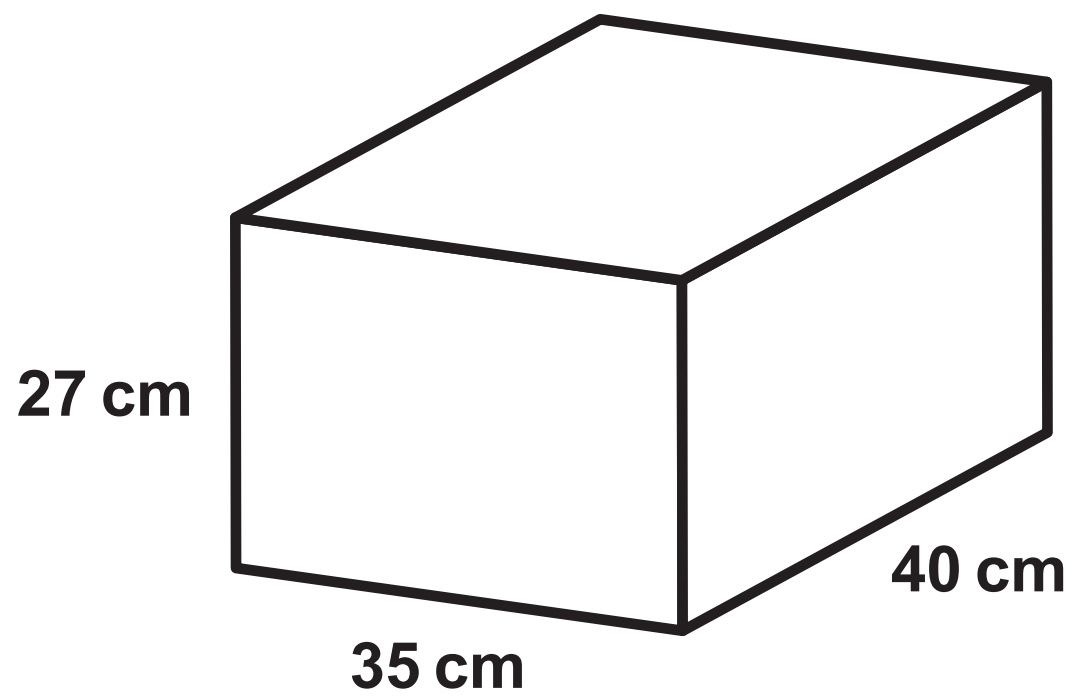
Question 15

Diagram NOT accurately drawn

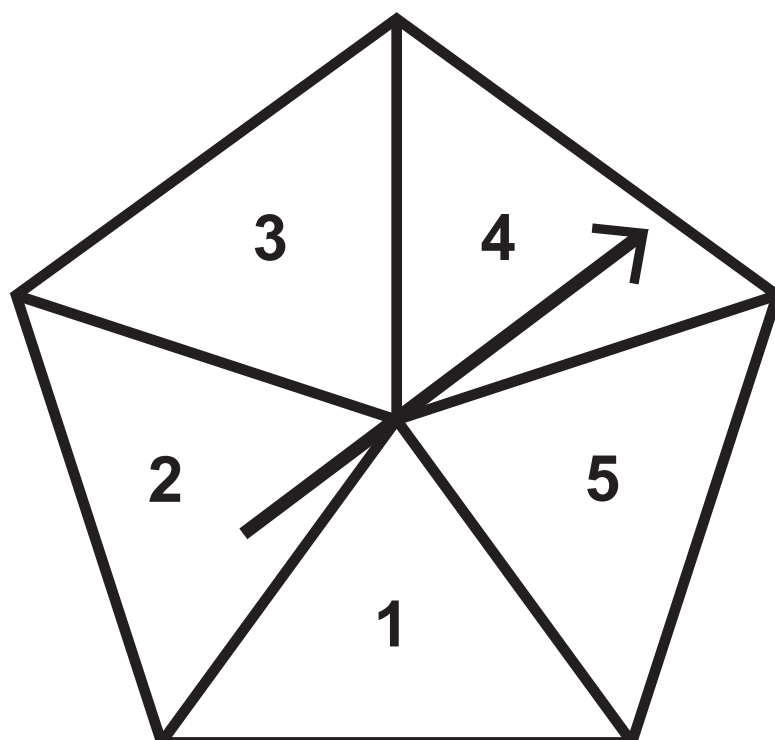
box



crate



Question 17

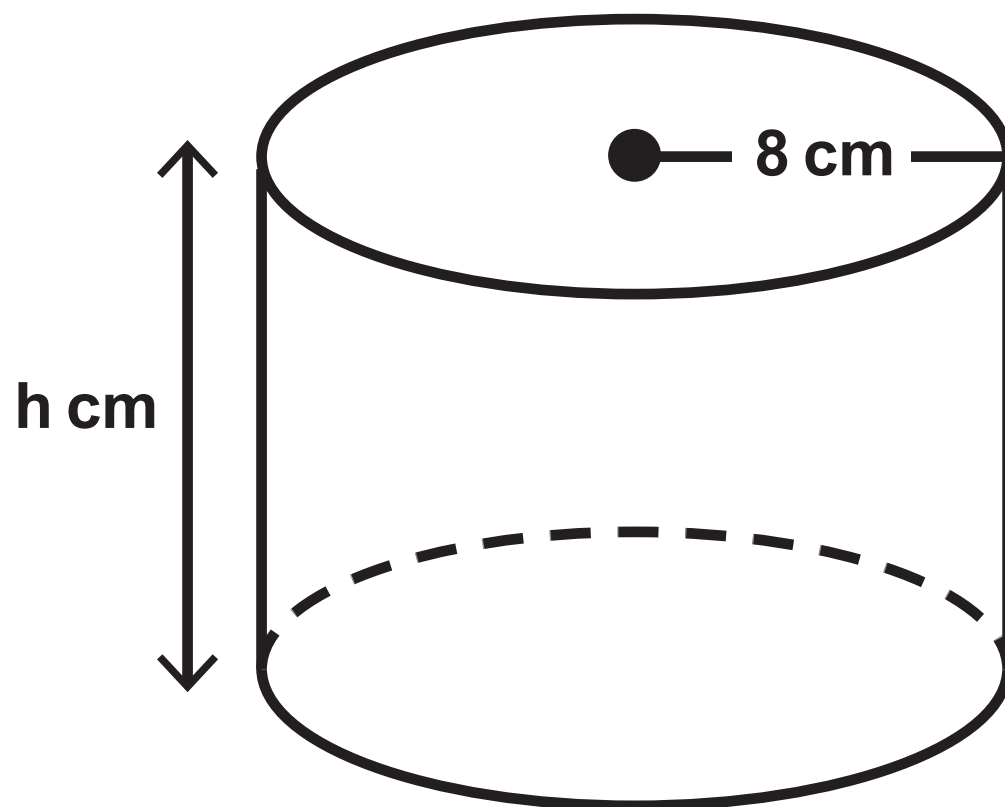


Question 17

NUMBER	PROBABILITY
1	$2x$
2	0.27
3	0.04
4	x
5	0.12

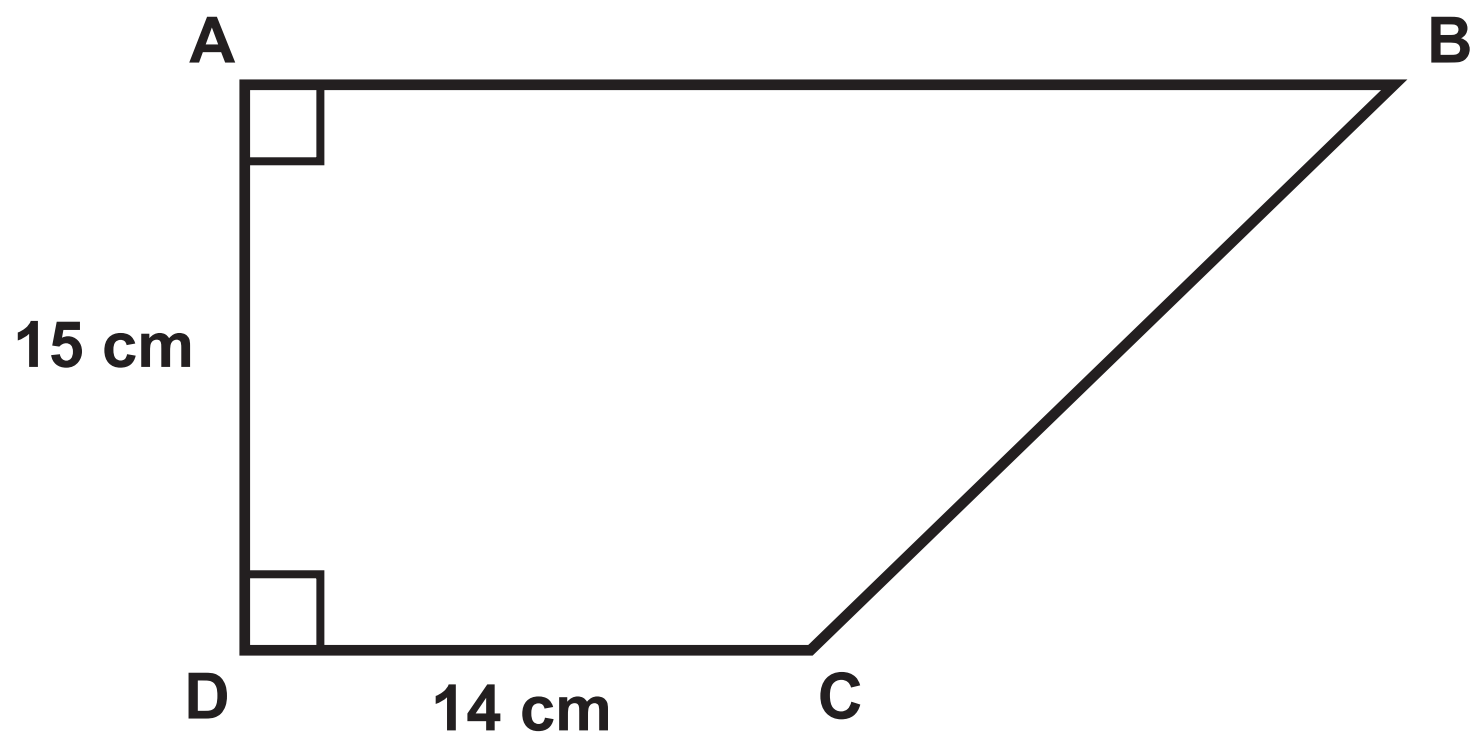
Question 21

Diagram NOT accurately drawn

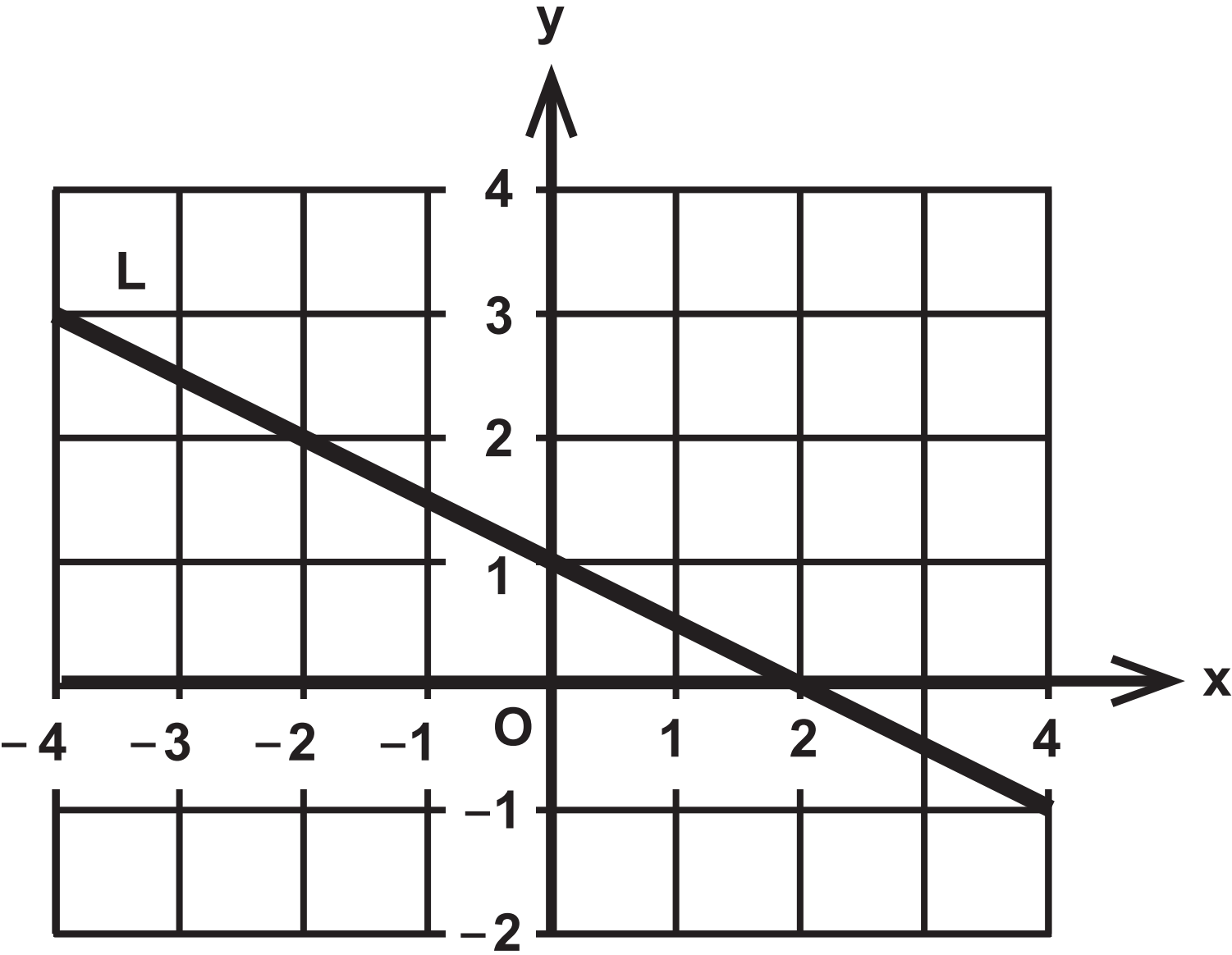


Question 23

Diagram NOT accurately drawn



Question 24



Question 4

Key:

represents 8 dogs

Labrador	<div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div>
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Question 6 (b)

