Mathematics A

PAPER 2H
Higher Tier
(Calculator)

Friday 10 November 2023 – Morning

Diagram Booklet

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

Contents

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Question 1

Length of telephone call (m minutes)	Frequency
0 < m ≤ 5	8
5 < m ≤ 10	2
10 < m ≤ 15	6
15 < m ≤ 20	4
20 < m ≤ 25	12
25 < m ≤ 30	18

Question 2

Diagram NOT accurately drawn

E

5 cm

B

10 cm

w cm

A   8 cm   C   14 cm   D
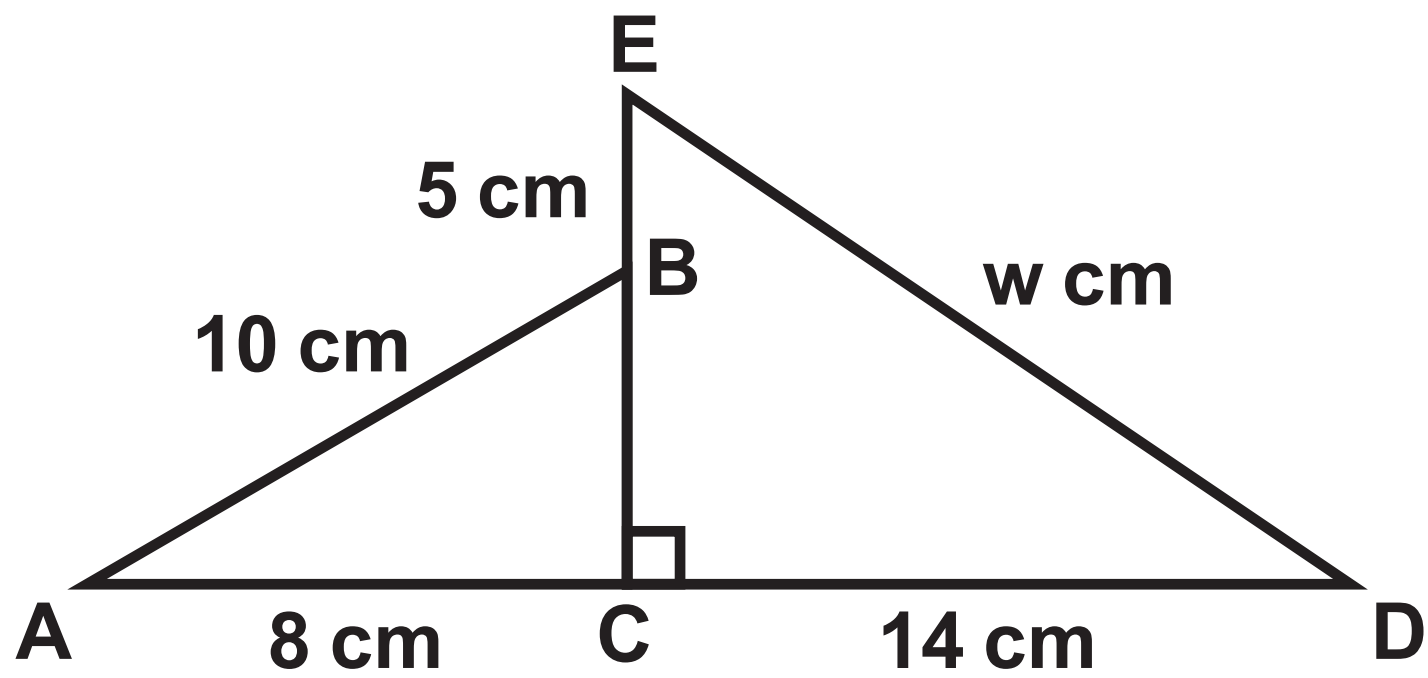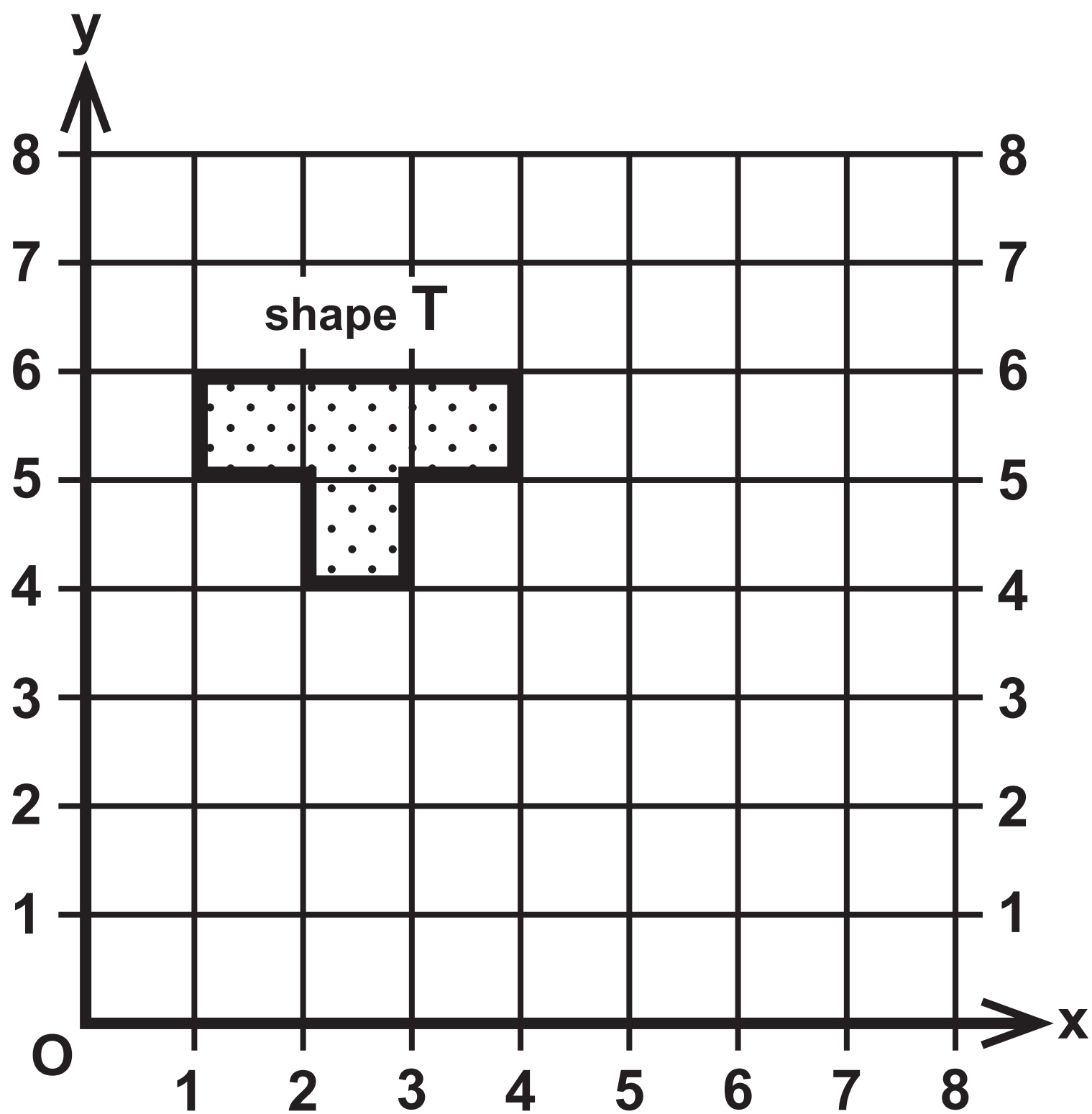
Question 3(a)
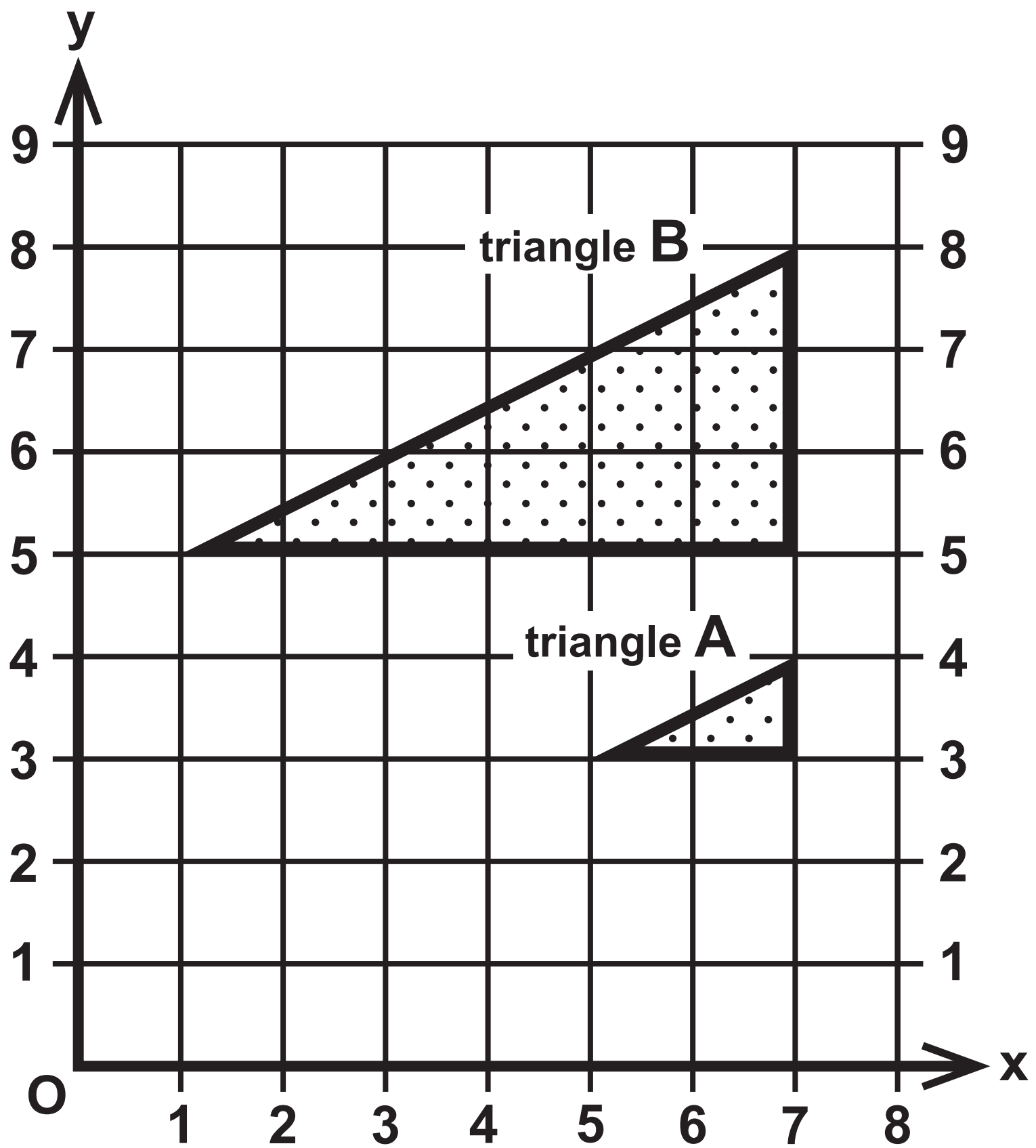
Question 3(b)

Question 10

Diagram NOT accurately drawn

B ←————— (y + 2) cm —————→ C

$\updownarrow$ 8 cm

D

25 cm

E

7 cm

A ←————— (y + 6) cm —————→ F

Question 11

box **X**   box **Y**

$$\frac{5}{16}$$

red   ———— red

              not red

————

not red   ———— red

              not red

————
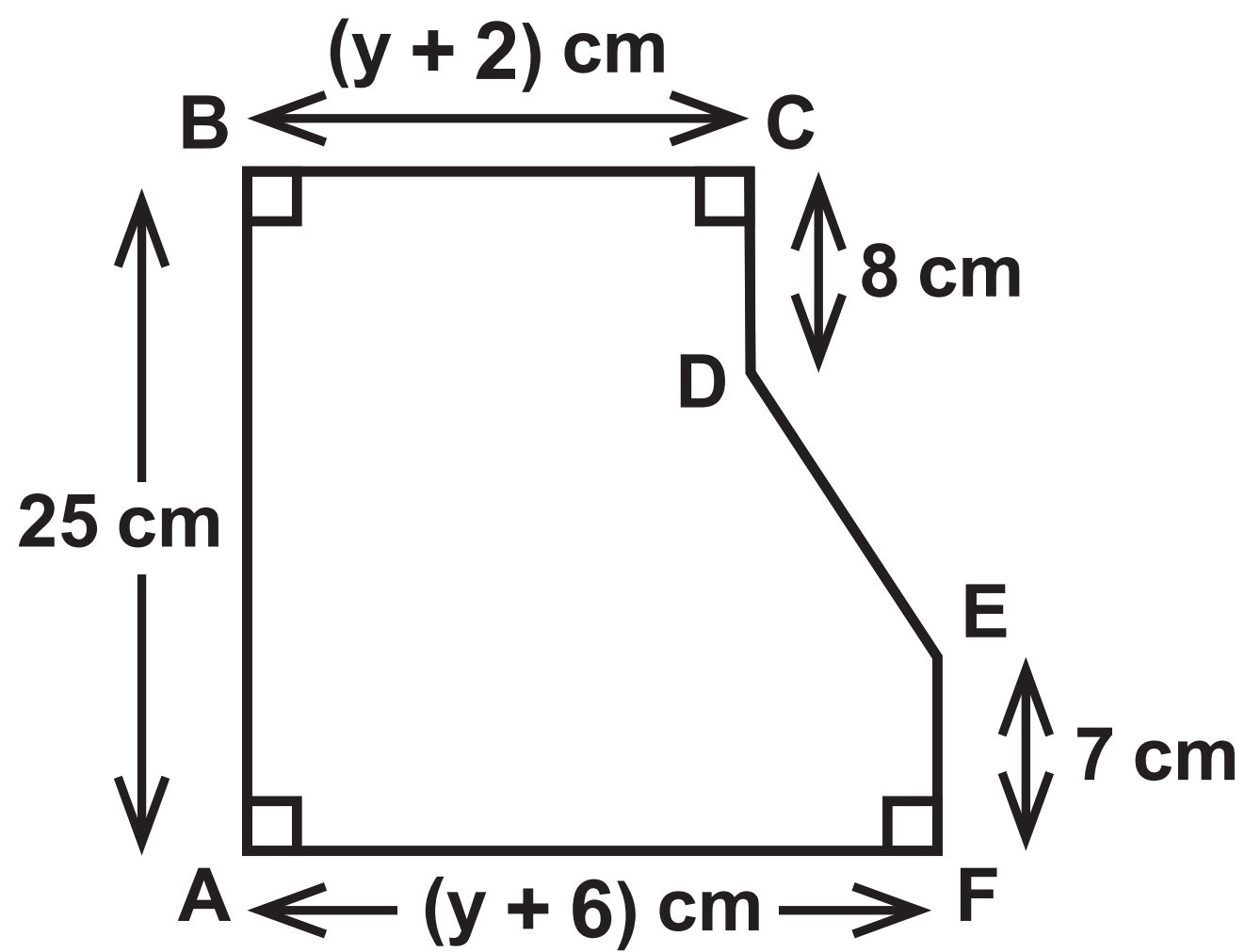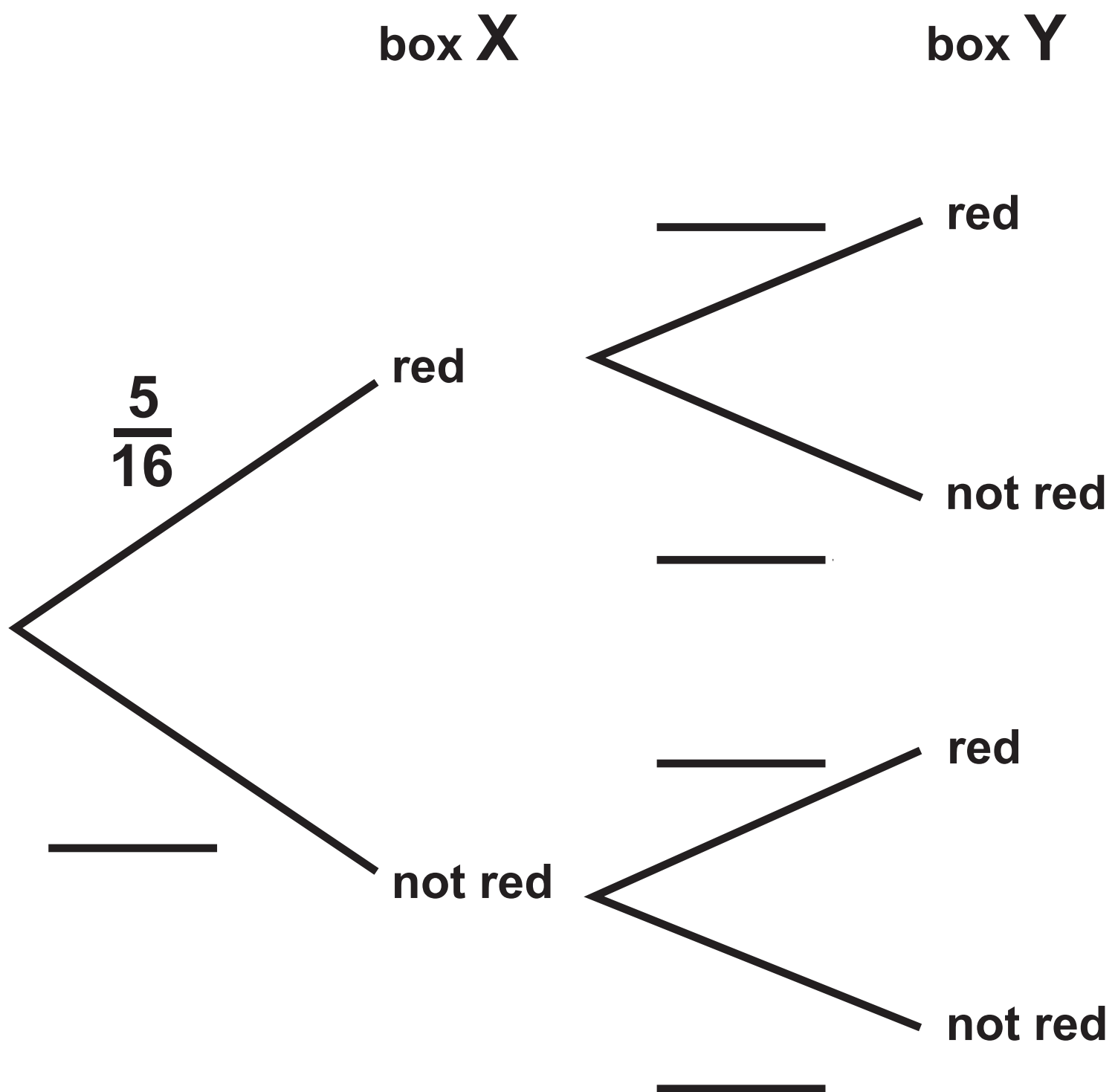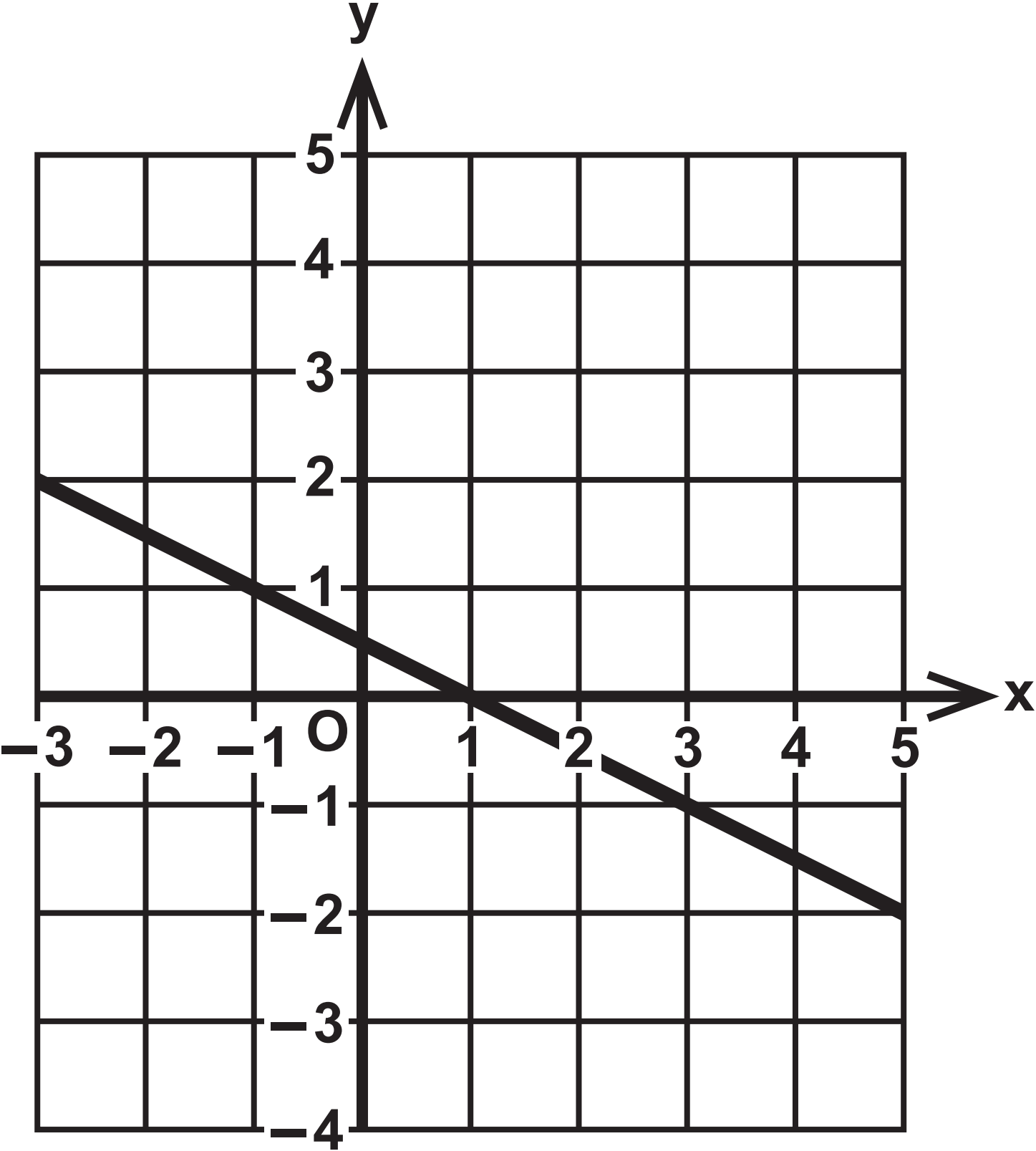
Question 14

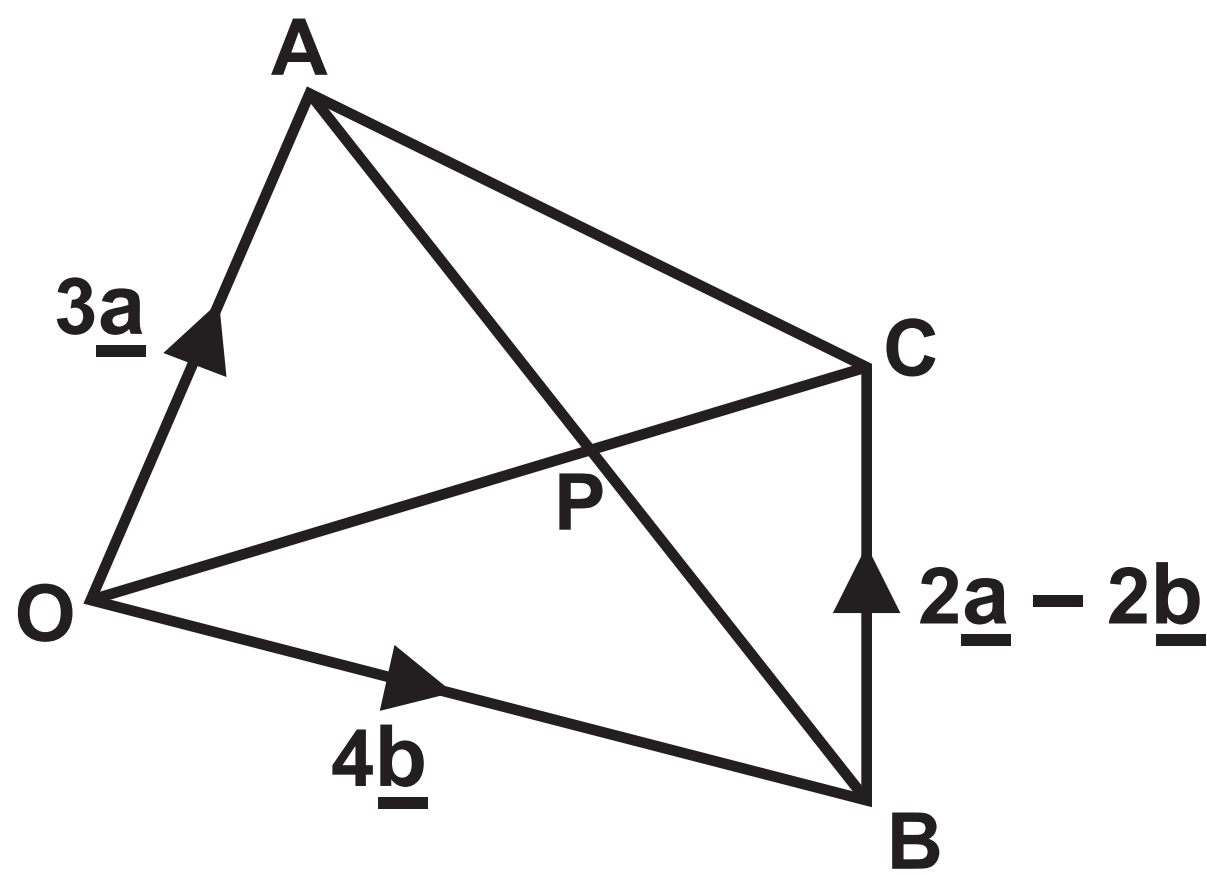**Question 20**

Diagram NOT accurately drawn
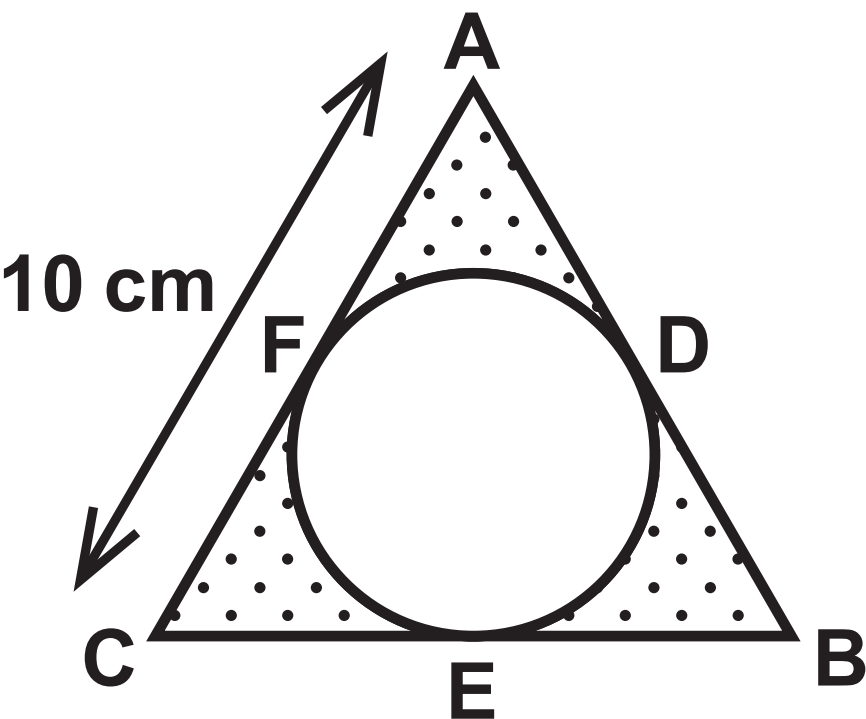
Question 22

Diagram NOT accurately drawn

Question 23

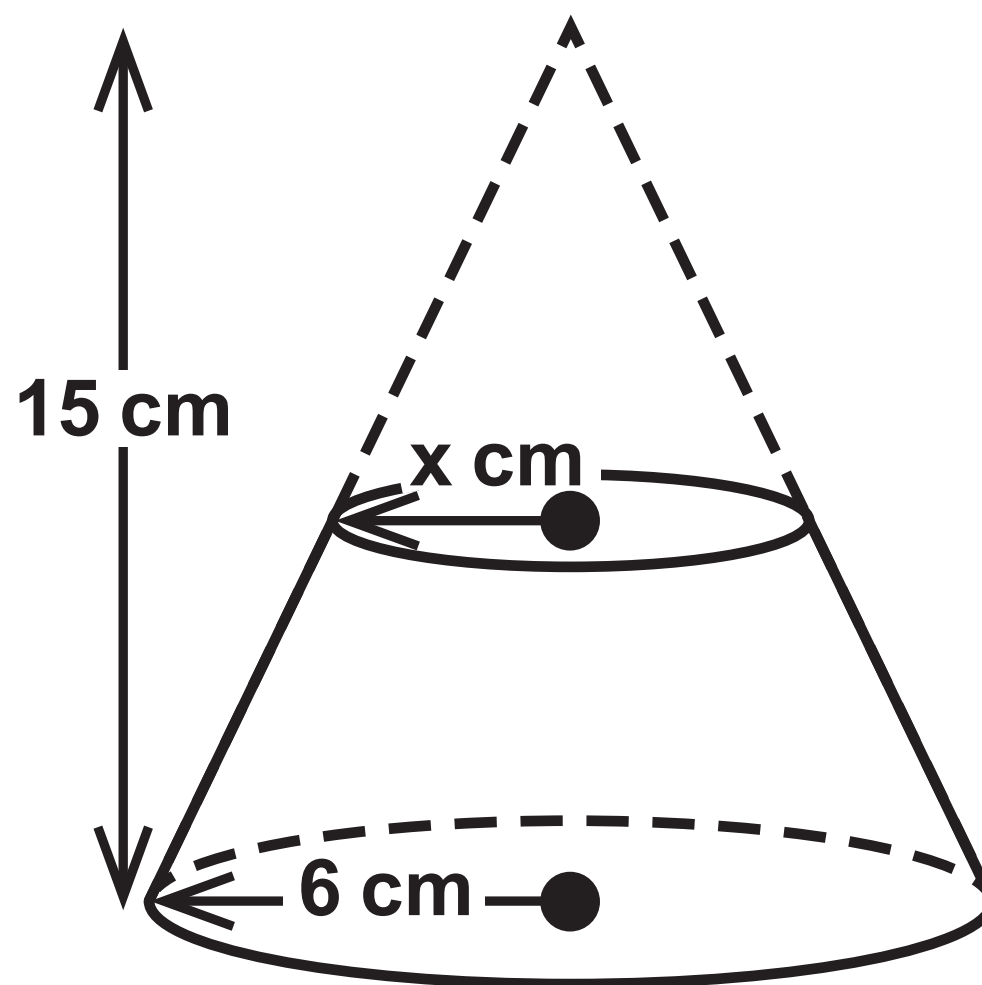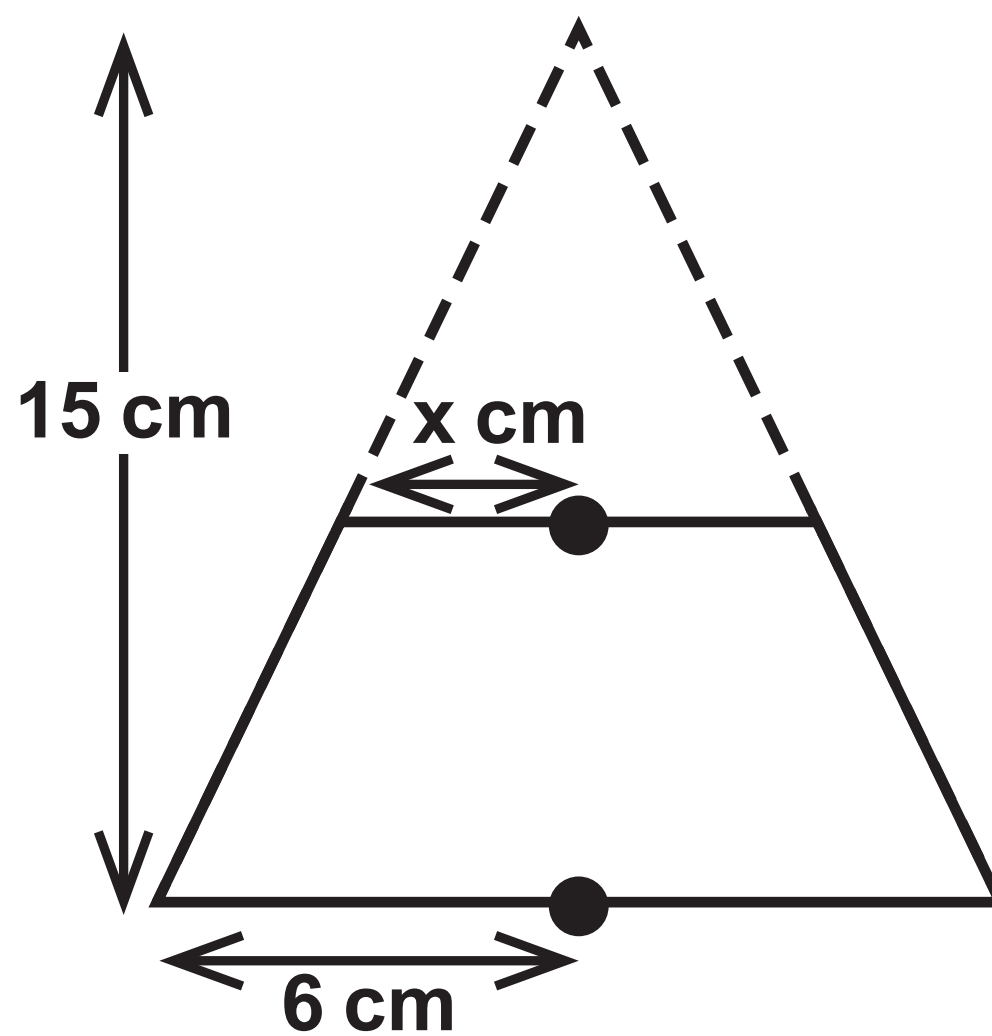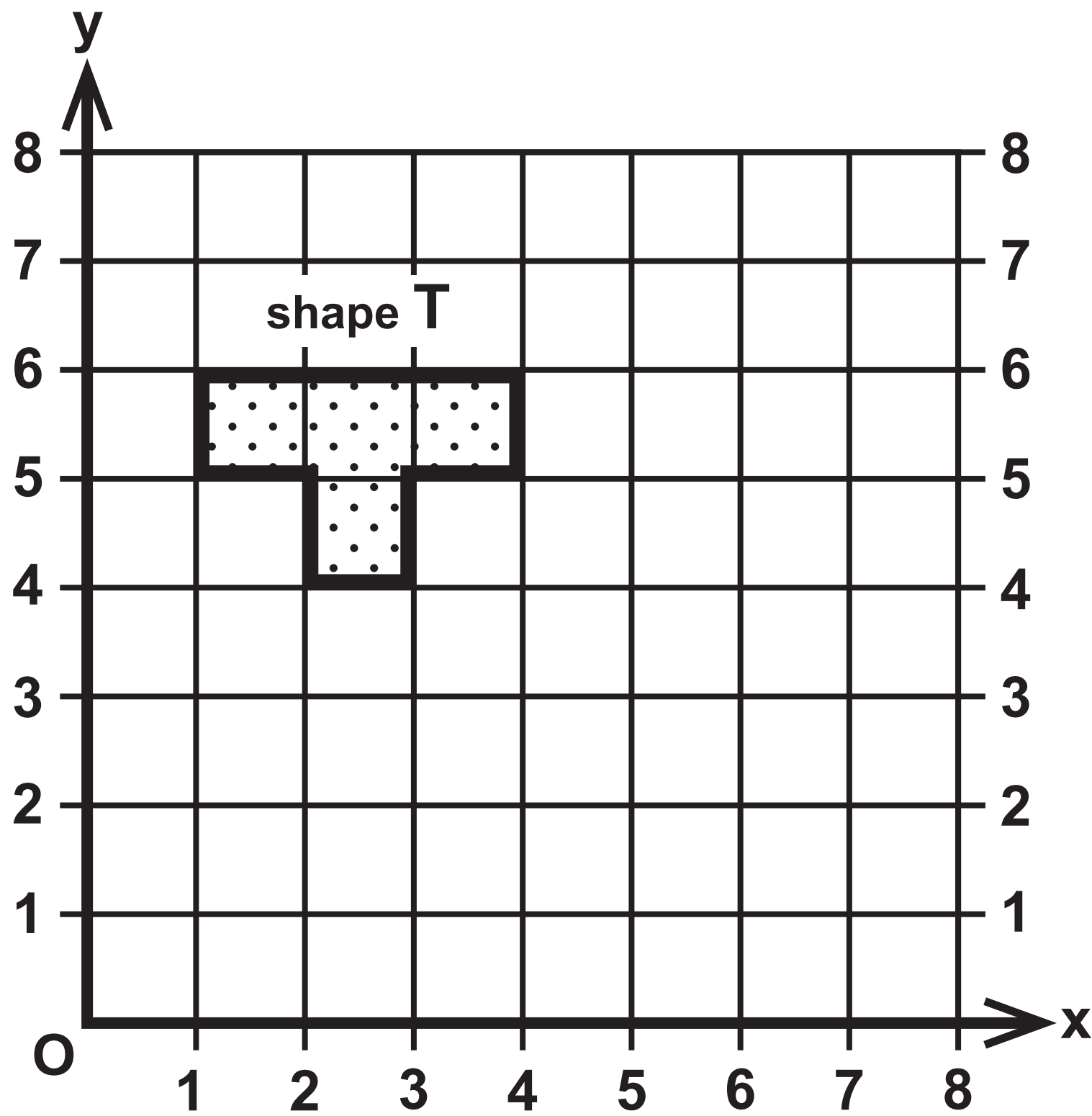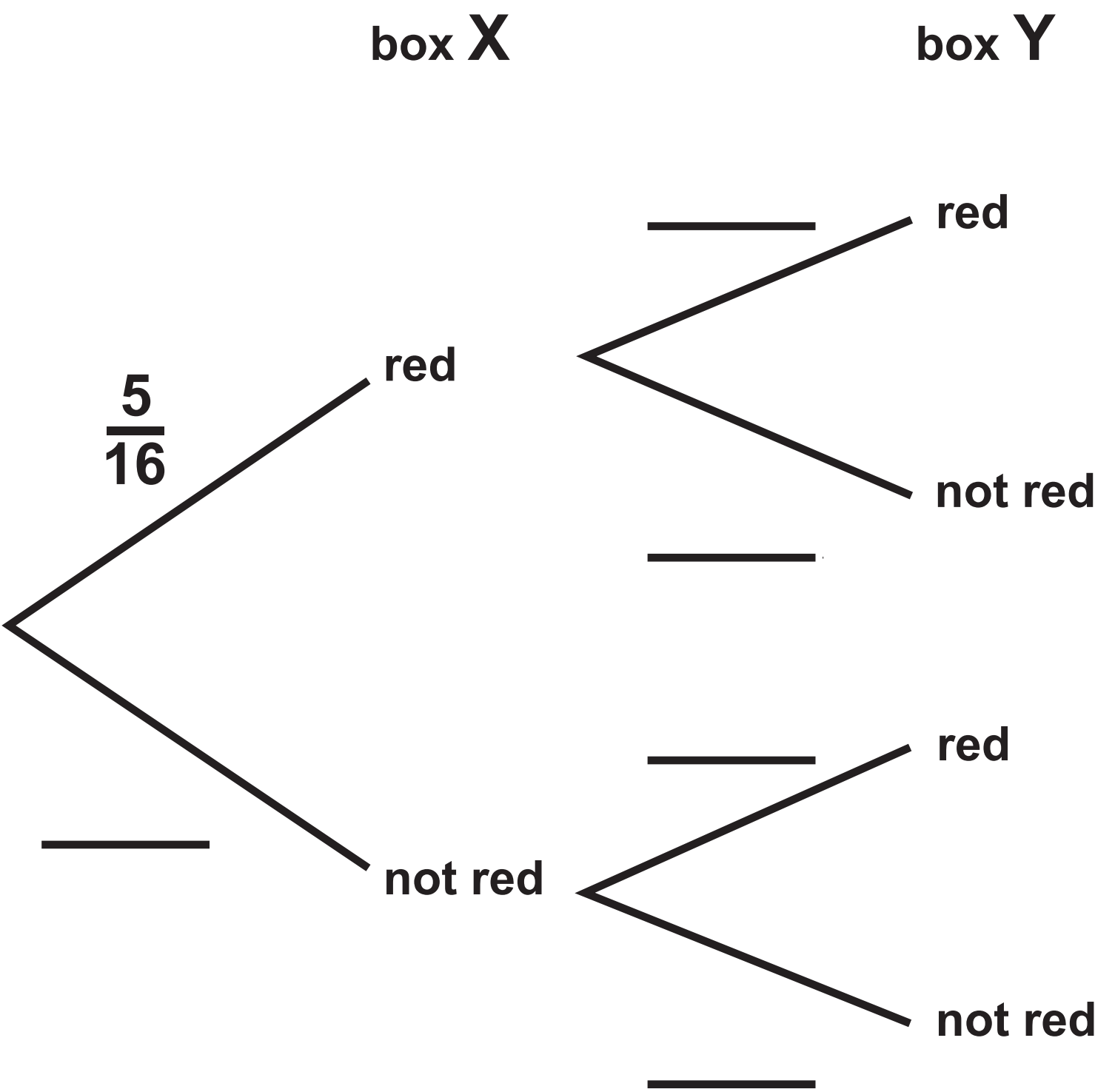**Diagrams NOT accurately drawn**

Diagram 1 ― 3D view

15 cm

x cm

6 cm

Diagram 2 ― 2D view

15 cm

x cm

6 cm

Question 3(a)

Question 11

box **X**

box **Y**

_____ red

$\dfrac{5}{16}$ red

_____ not red

red

_____

not red

_____ red

not red   red

not red

_____

Question 14