

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

Mathematics
Paper 1
(Non-Calculator)
Higher Tier

Tuesday 19 May 2020 – 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.

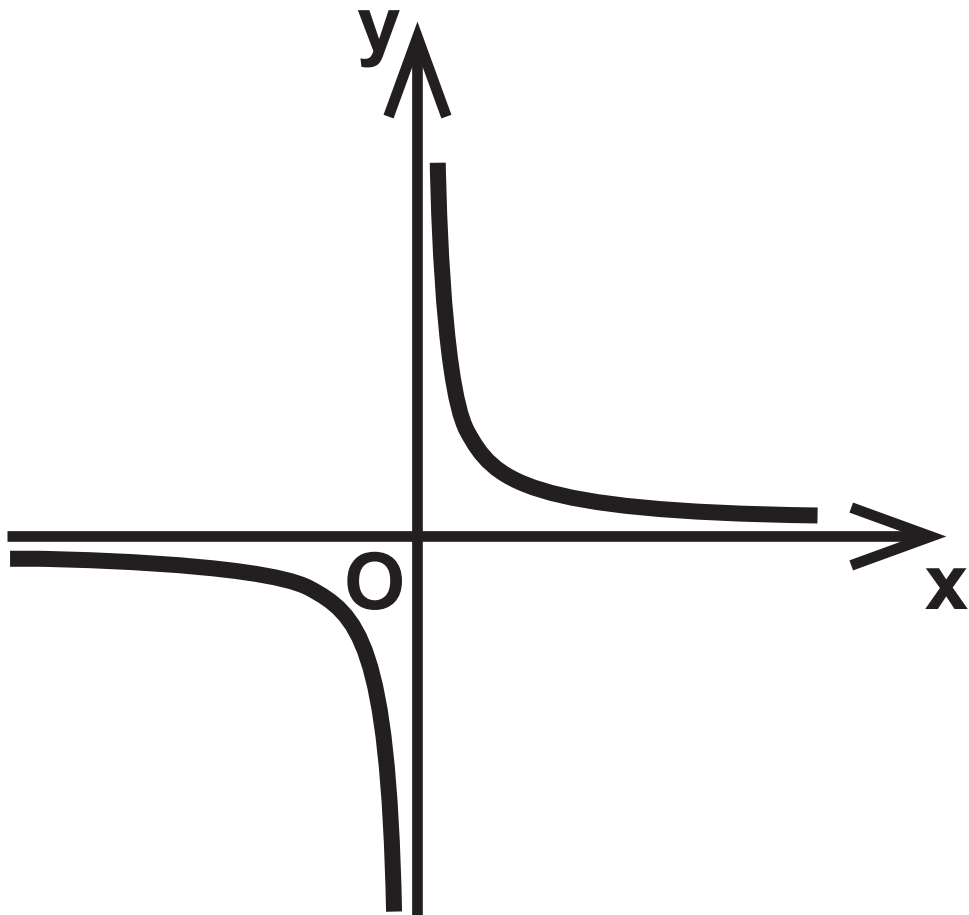
Contents

Page

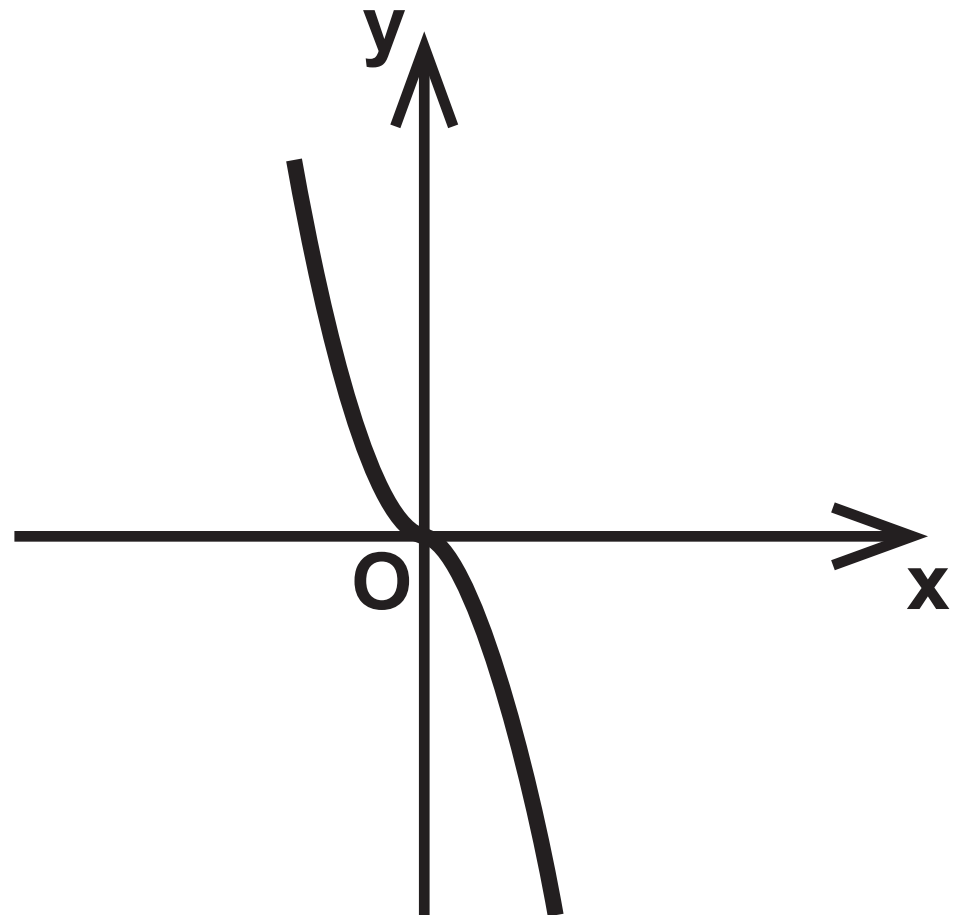
4	Question 3
5	Question 4
6	Question 6
7	Question 7
8	Question 8
9	Question 12
10	Question 12(b)
11	Question 12(b) (Spare copy)
12	Question 21
13	Question 22
14	Question 23

Question 3

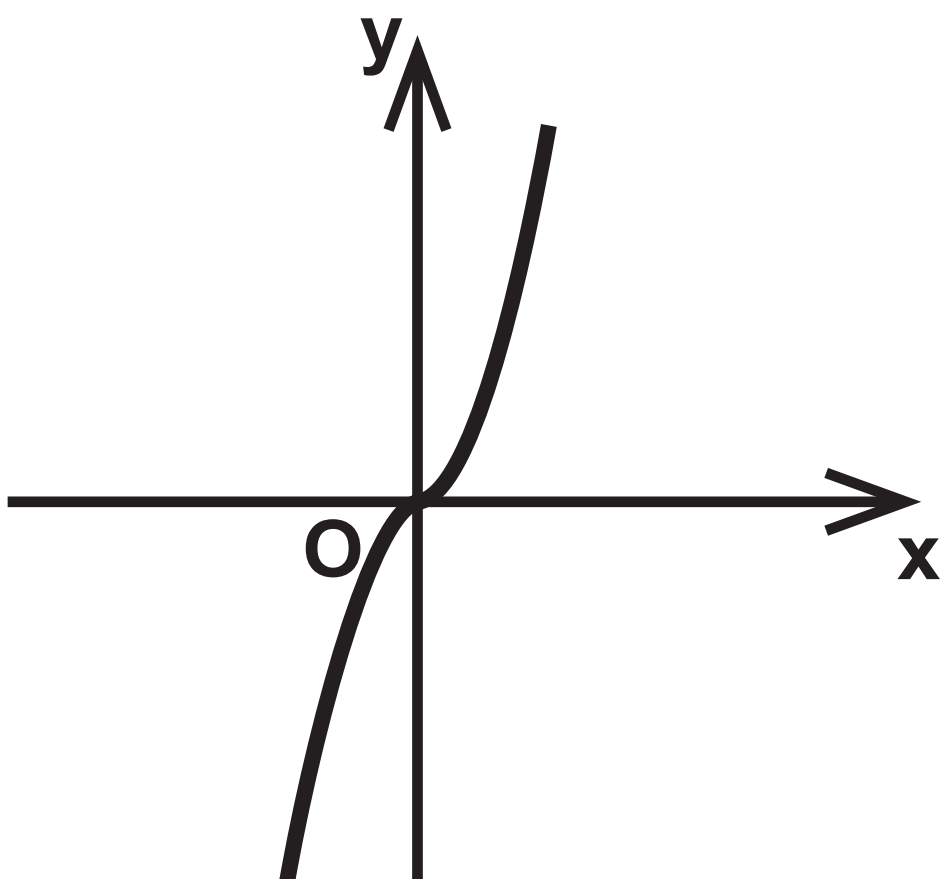
graph A



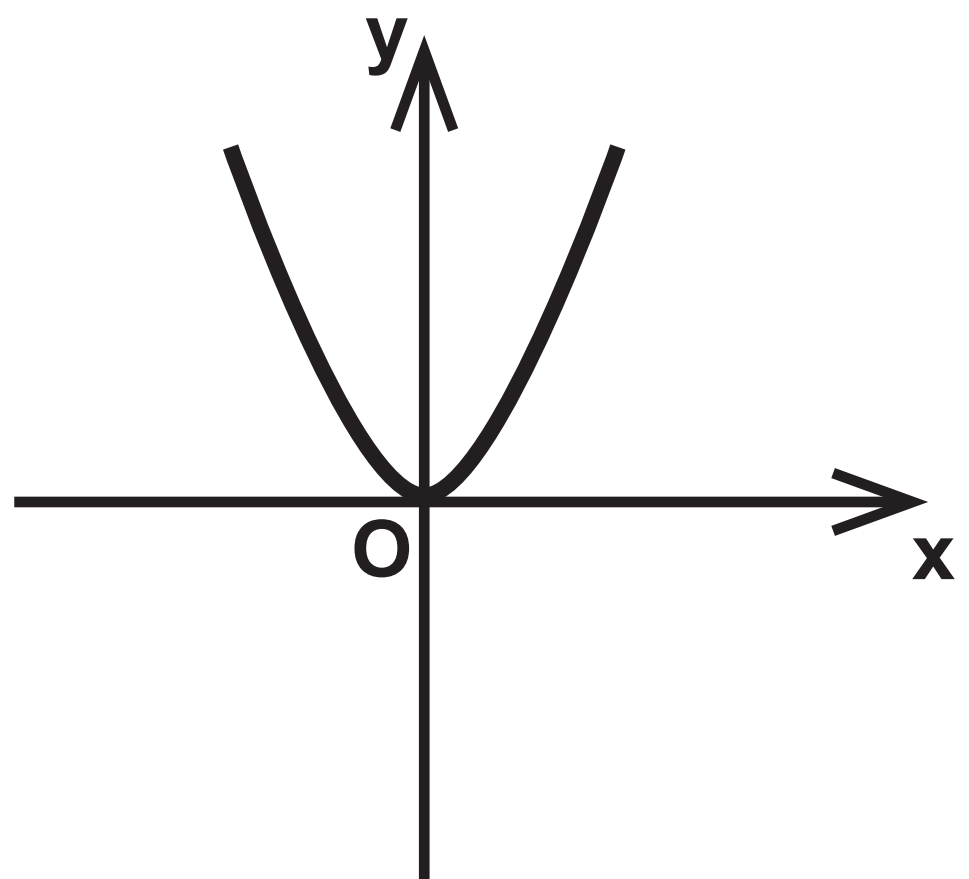
graph B



graph C

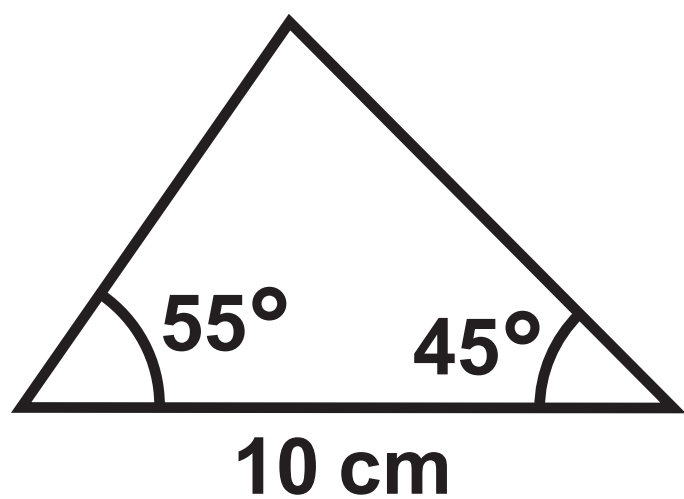


graph D

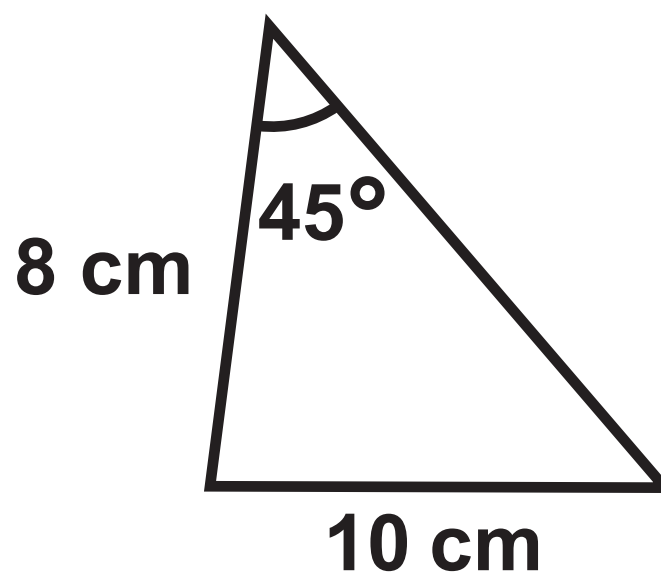


Question 4

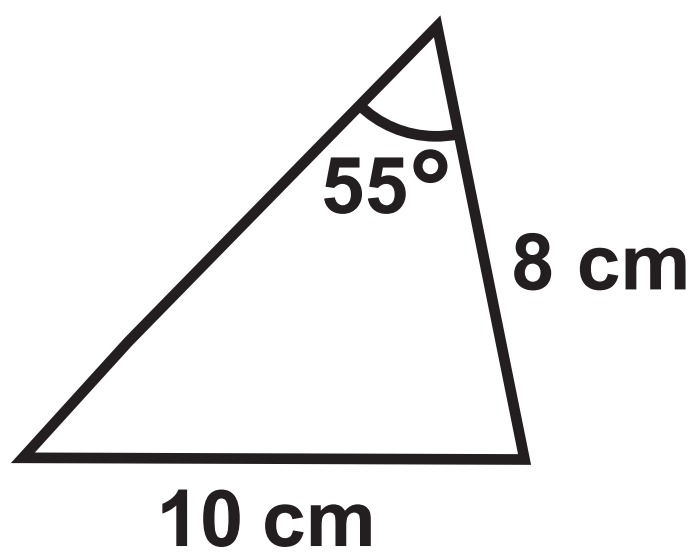
triangle A



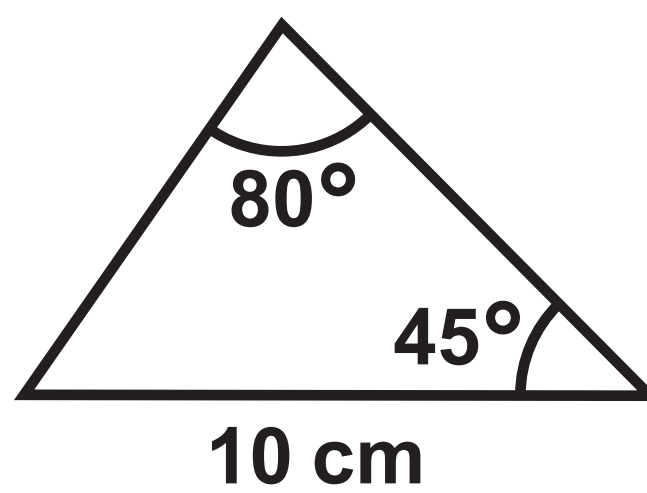
triangle B



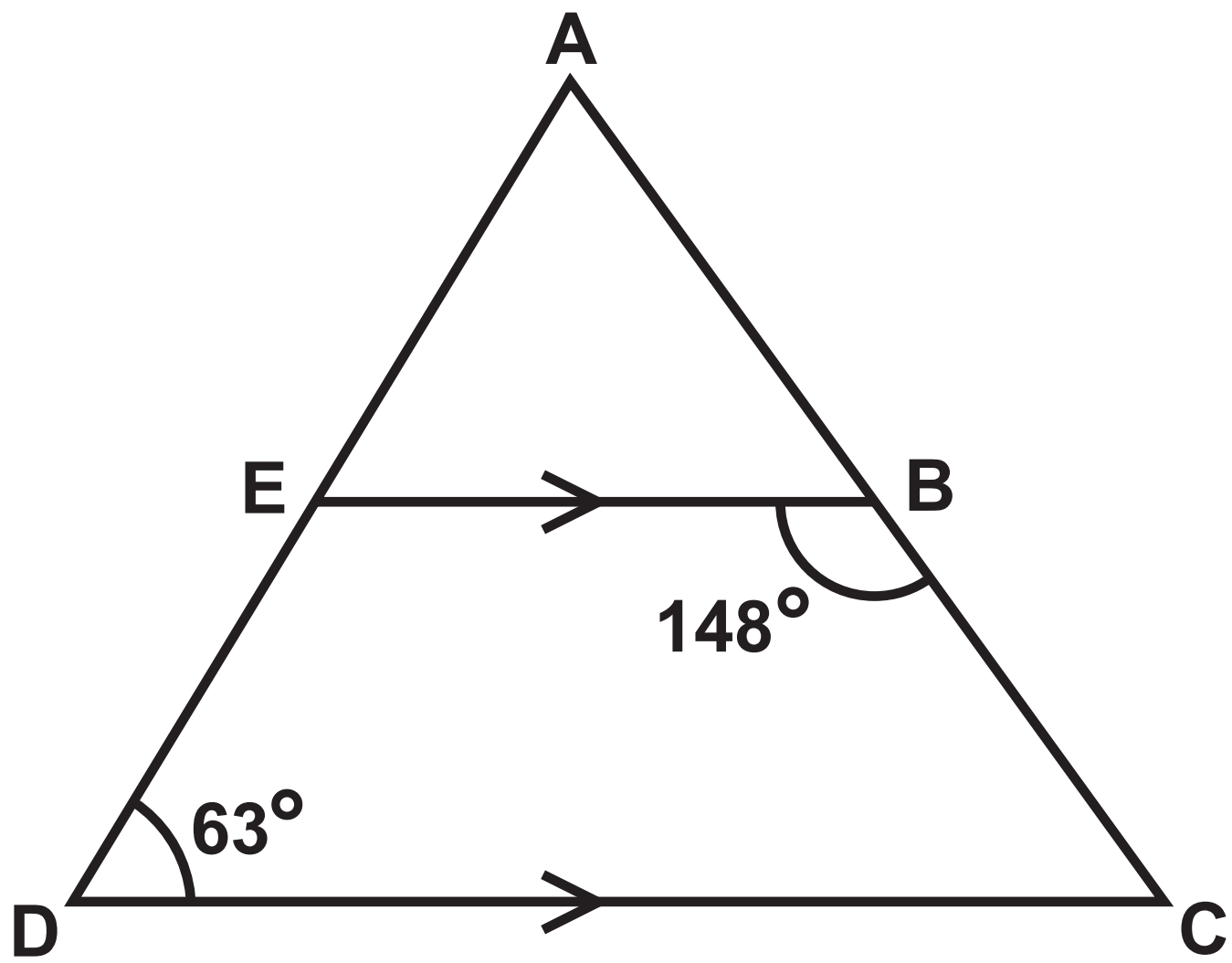
triangle C



triangle D



Question 6



Question 7

least height	150 cm
median	165 cm
greatest height	170 cm

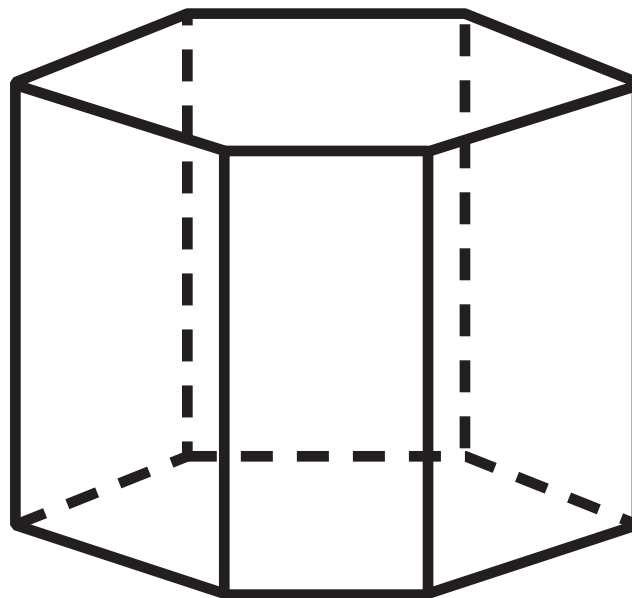
Key: 15 | 8 represents 158 cm

15	8	9	9		
16	4	5	7	7	8
17	0	3	4	4	7
18	0	2			

Question 8

$$\text{pressure} = \frac{\text{force}}{\text{area}}$$

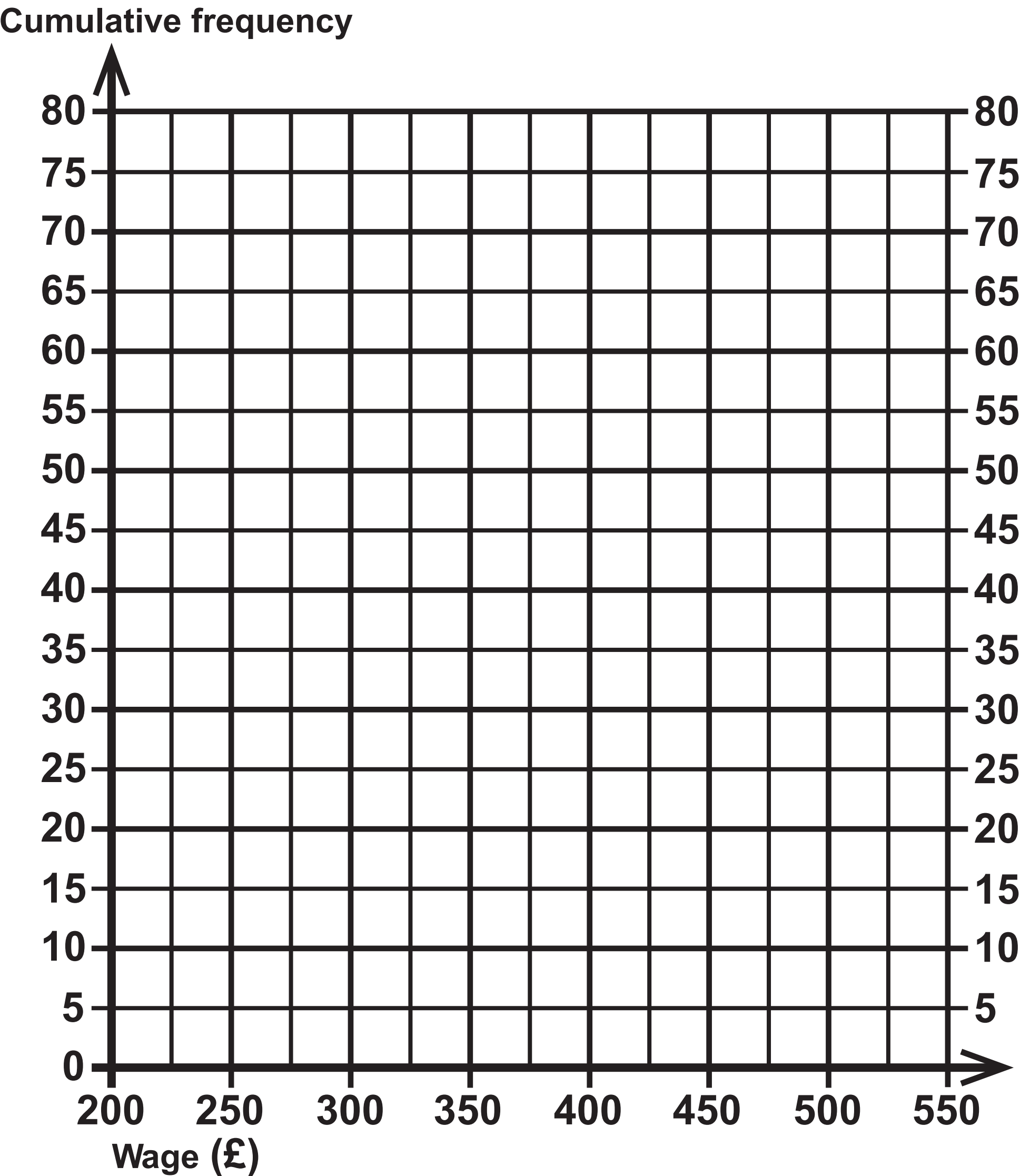
3 metres



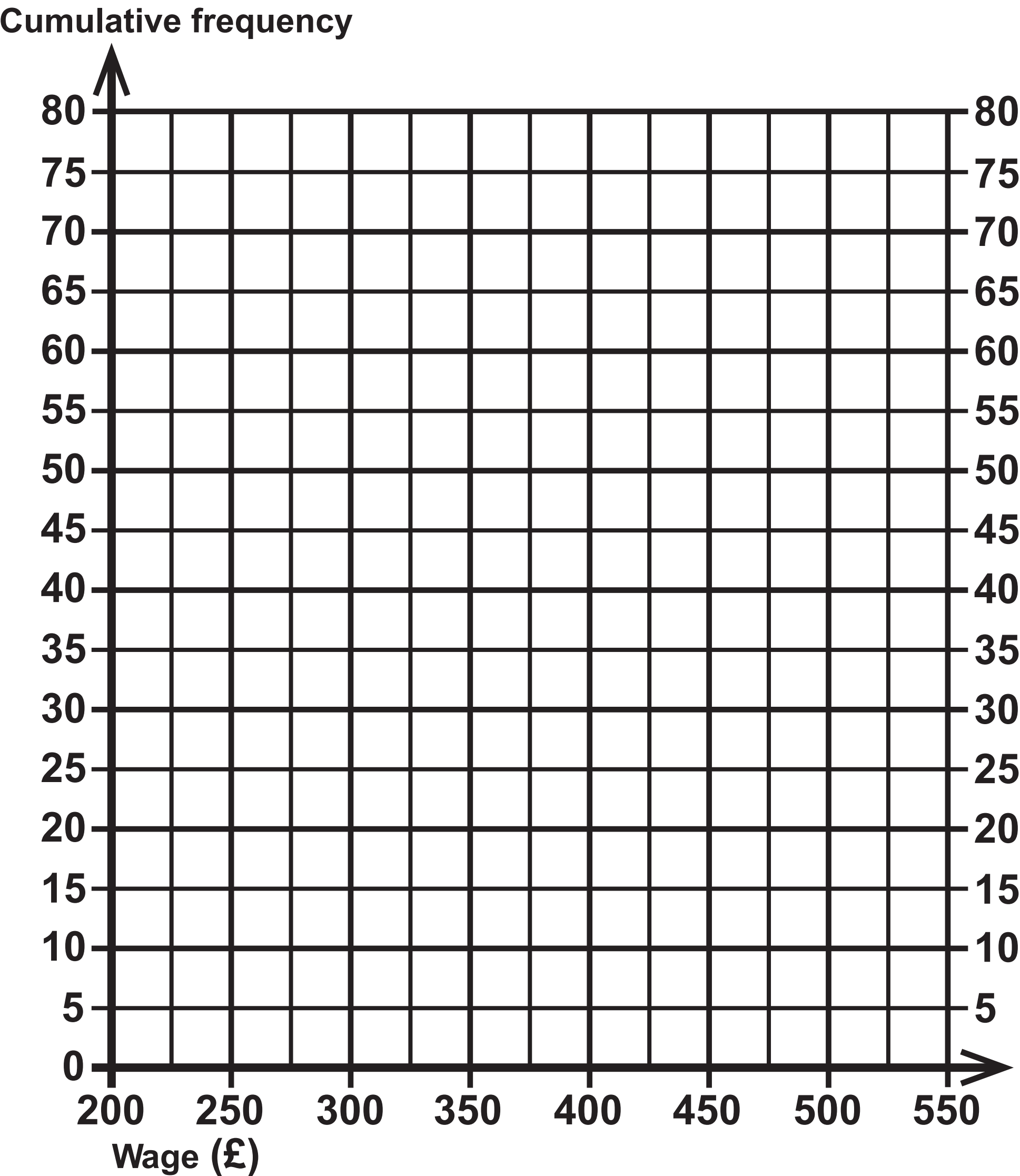
Question 12

Wage (£w)	Frequency
$200 < w \leq 250$	5
$250 < w \leq 300$	10
$300 < w \leq 350$	20
$350 < w \leq 400$	25
$400 < w \leq 450$	15
$450 < w \leq 500$	5

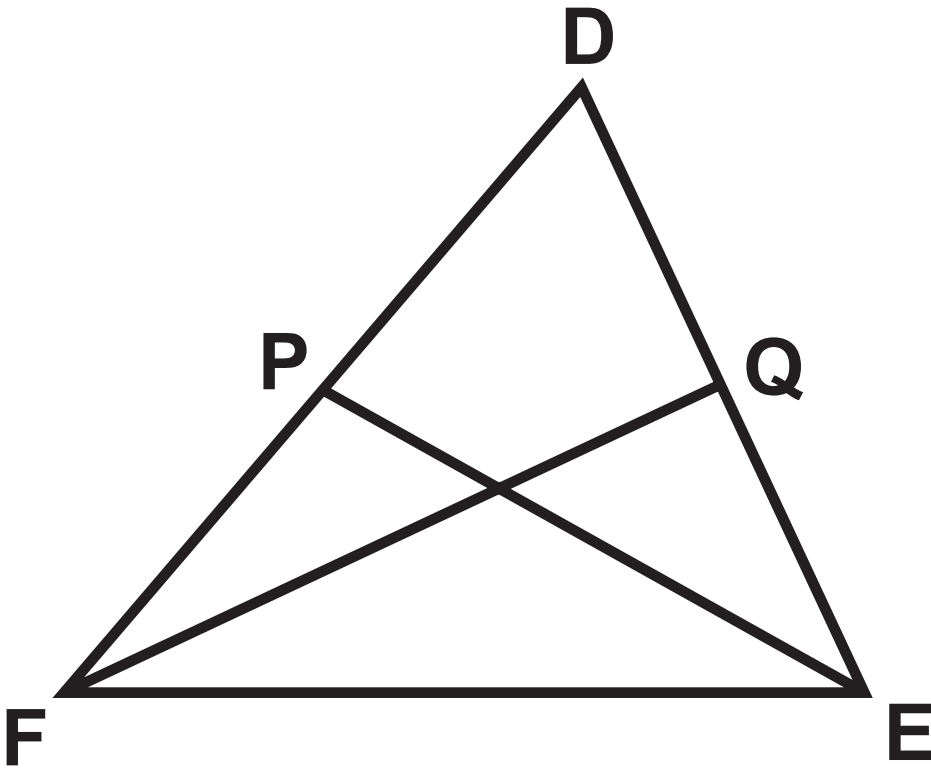
Question 12(b)



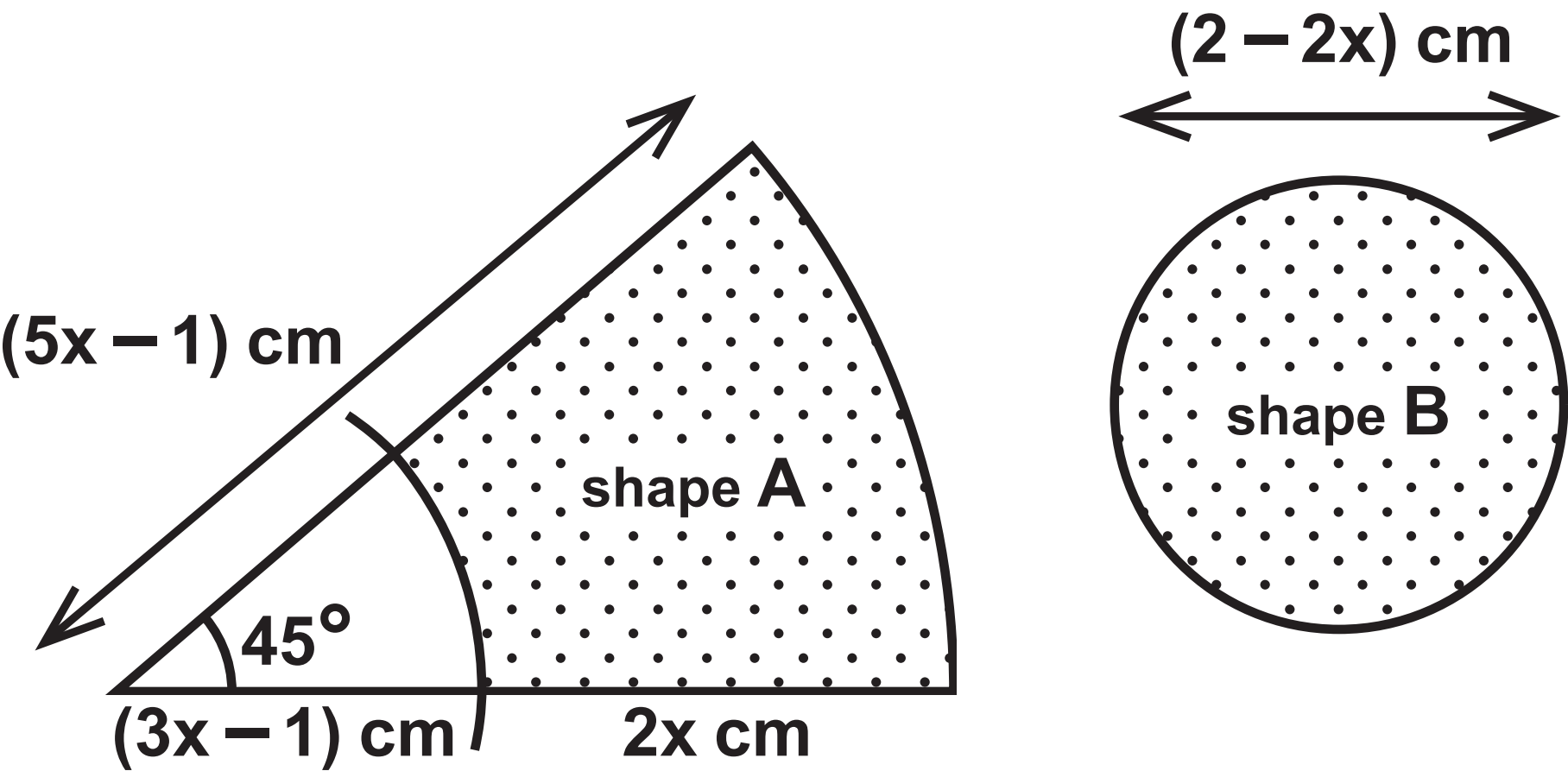
Question 12(b)



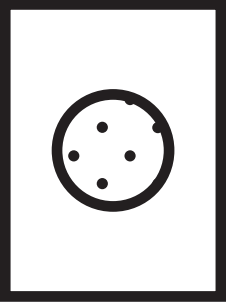
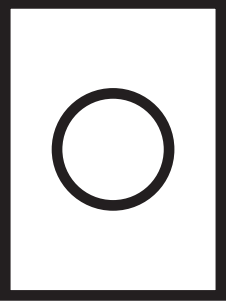
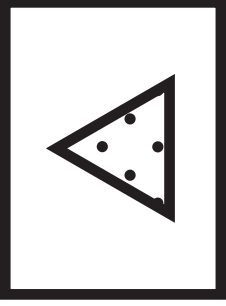
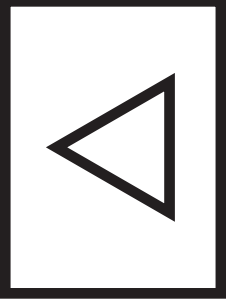
Question 21



Question 22



Question 23

shaded circle		white circle		shaded triangle		white triangle	
---------------	---	--------------	---	-----------------	---	----------------	---

number of cards : number of cards = 3 : 5
with a shaded shape : with a white shape

number of cards : number of cards = 2 : 7
with a circle : with a triangle