Mathematics A
Level 1/2
Paper 1F
(Calculator)
Foundation Tier

Tuesday 21 May 2019 − Morning

Diagram Book

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

Surname	
Other names	
Centre Number	
Candidate Number	

Pearson

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

Question 1

| 3 | 8 | 16 | 19 | 24 | 51 | 60 | 81 |

Question 3

Lake	Surface area (square kilometres)
Albert	5299
Malawi	29 500
Mweru	5120
Tanganyika	32 600
Turkana	6405
Victoria	68 879

Question 4(a)

| impossible | unlikely | evens | likely | certain |

Question 4(a)

impossible unlikely evens likely certain

Question 4(b)

0       $\frac{1}{2}$ 1

Question 4(b)

```
├──────────────────┼──────────────────┤
0                   1                   1
                    ─
                    2
```

Question 4(c)

$$0 \qquad \frac{1}{2} \qquad 1$$

Question 4(c)

$$0 \qquad \frac{1}{2} \qquad 1$$
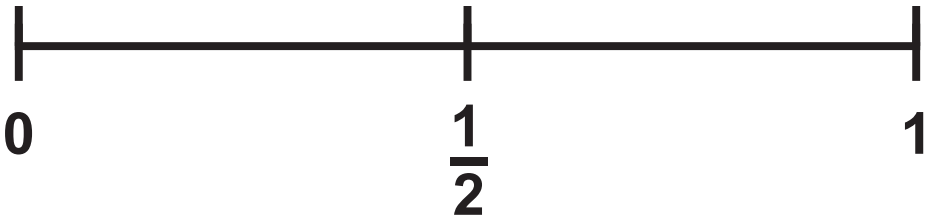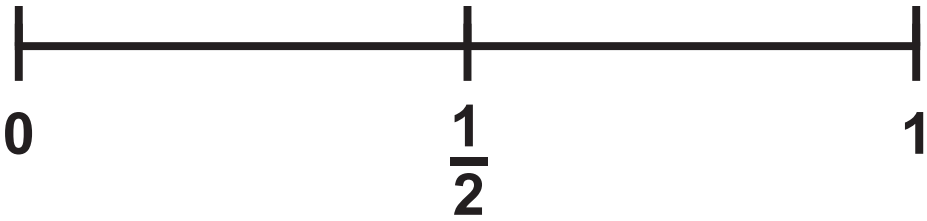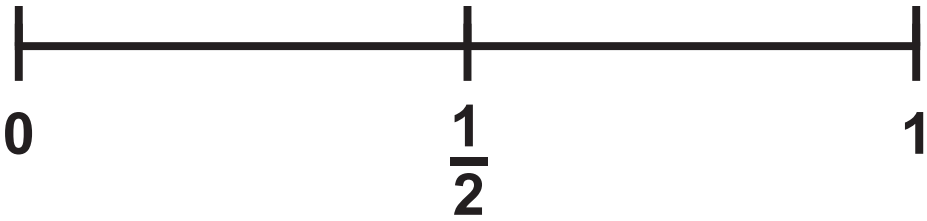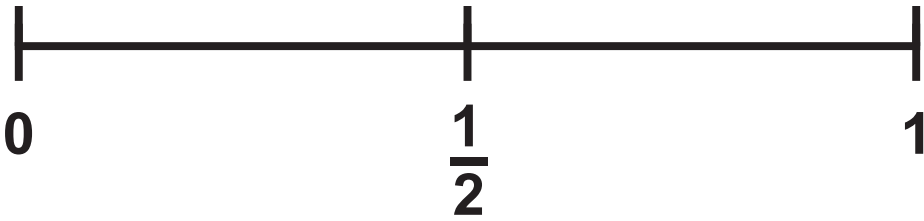
Question 7

7   8   4   4   4   10   5   7   7   4   4

Question 8
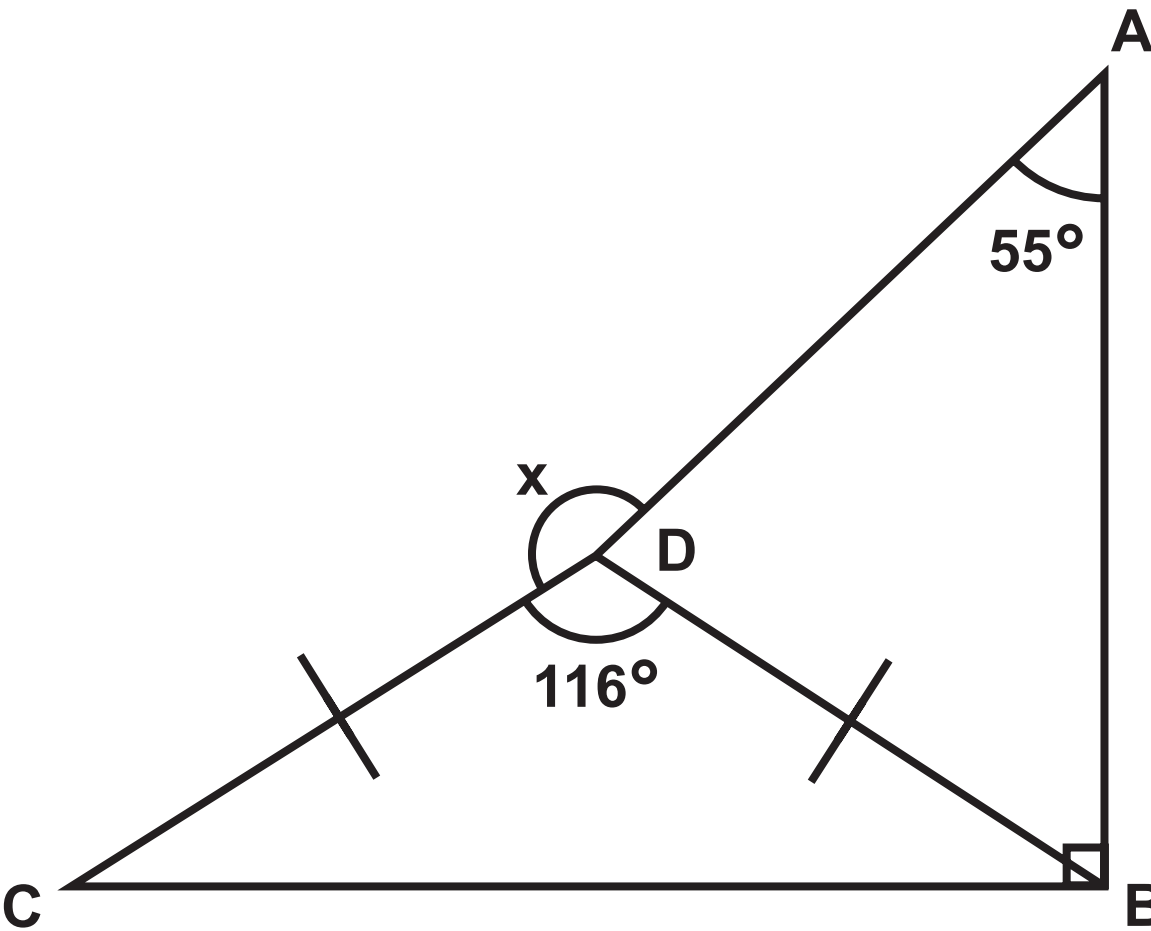
Question 10

	represents 8 emails

Monday	▦ ▦ ▦ ▯
Tuesday	▦ ▦ ▦ ▦ ▦ ◰
Wednesday	▦ ▦ ▦ ▦ ▦ ▦ ▯
Thursday	▦ ▦ ▦ ▦ ▦ ▦ □
Friday	▦ ▦ ▦ ▦ ▦ ▦ ▦ ▦
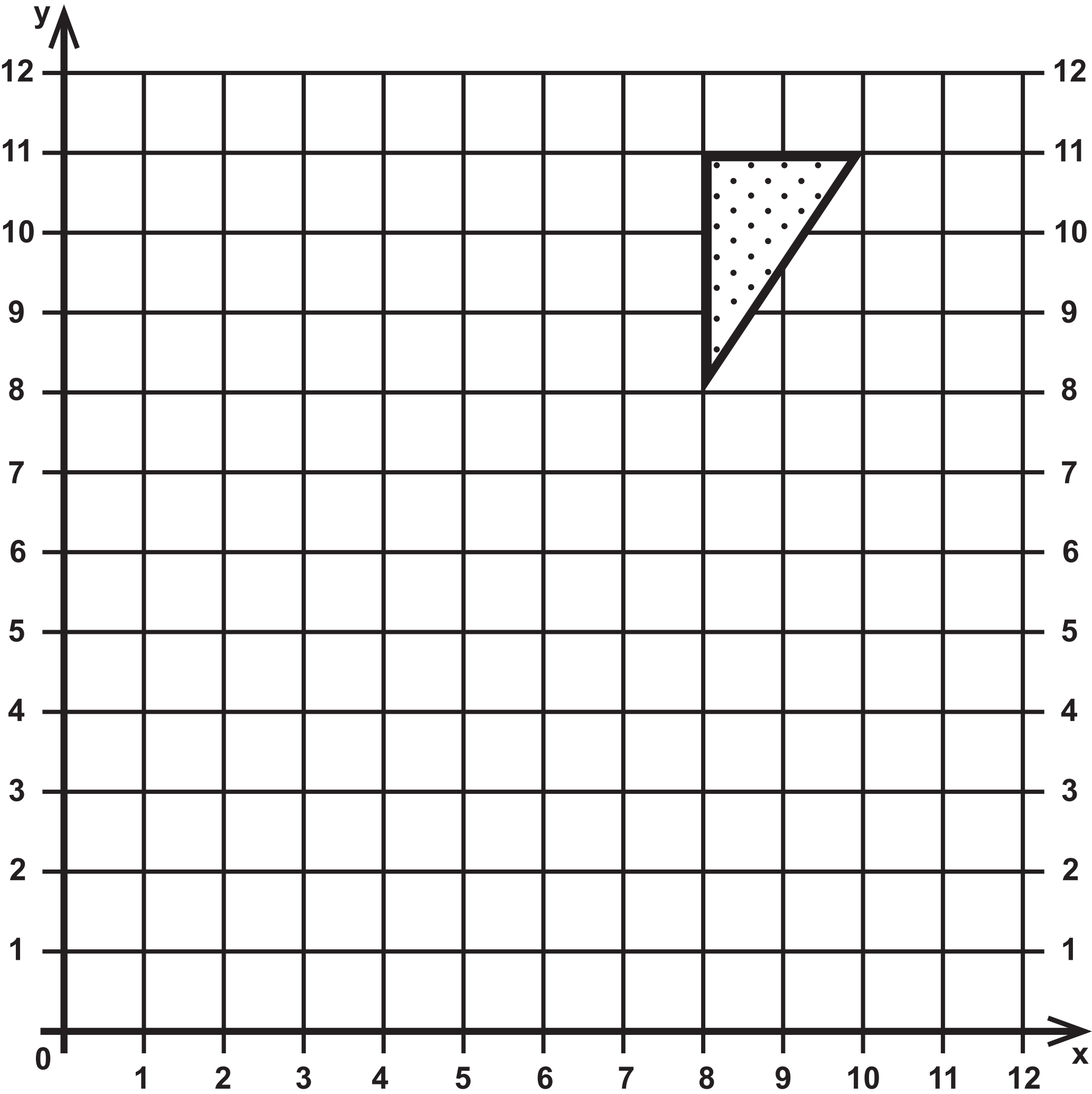
Question 11(a)
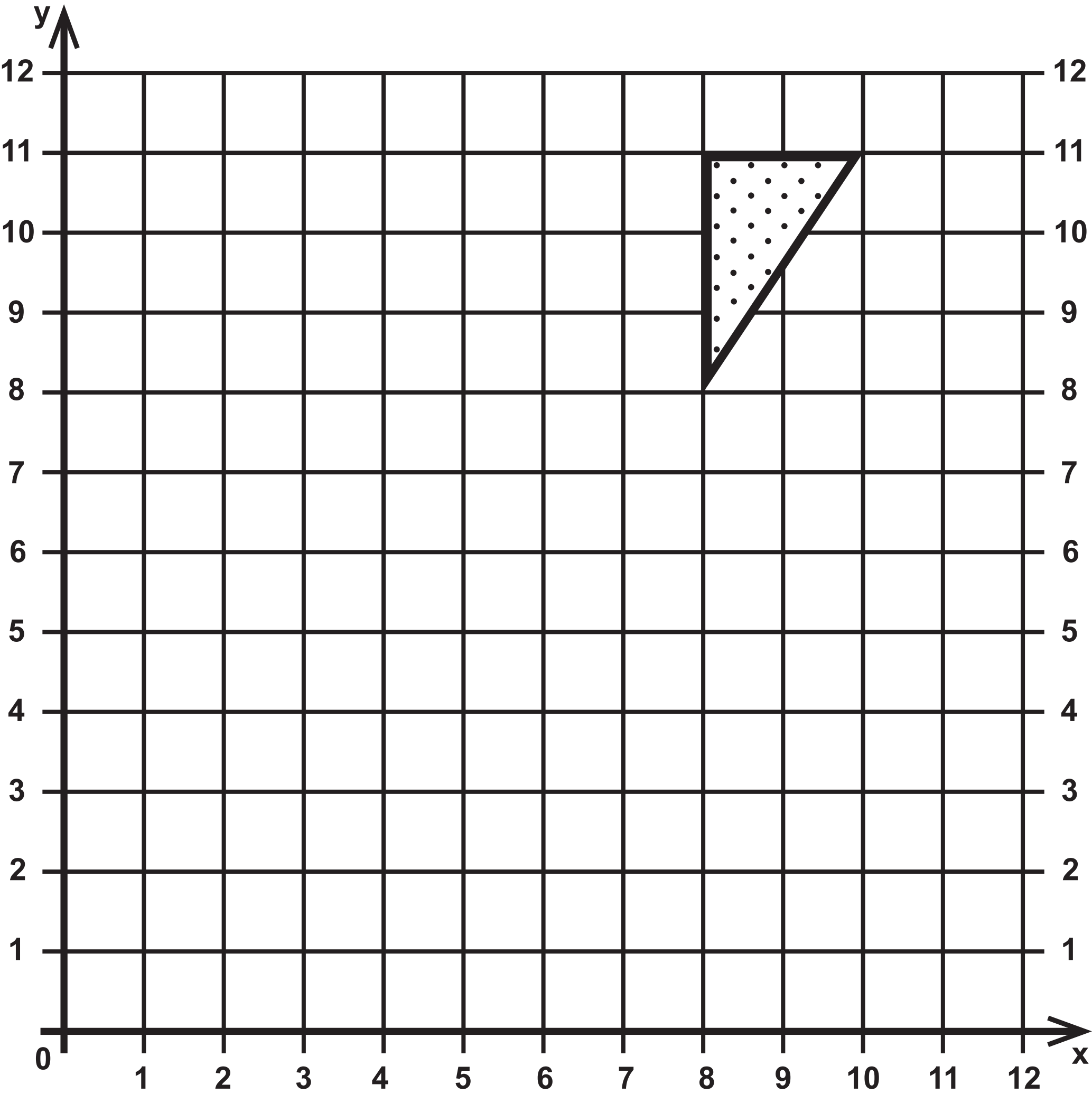
Question 11(a)

Question 11(b)
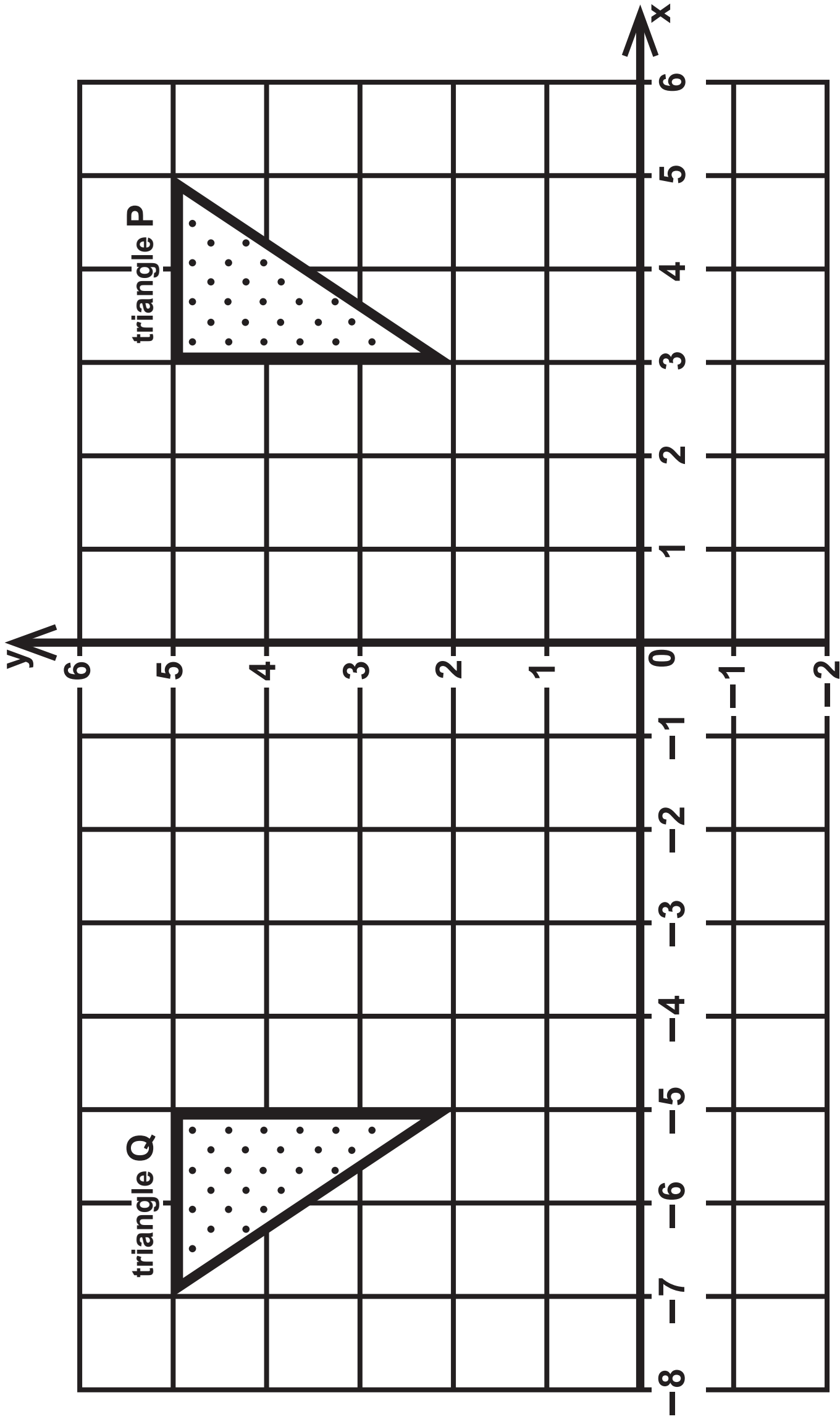
Question 15

Distance from home (km)

Time

Question 15

Distance from home (km)

Time
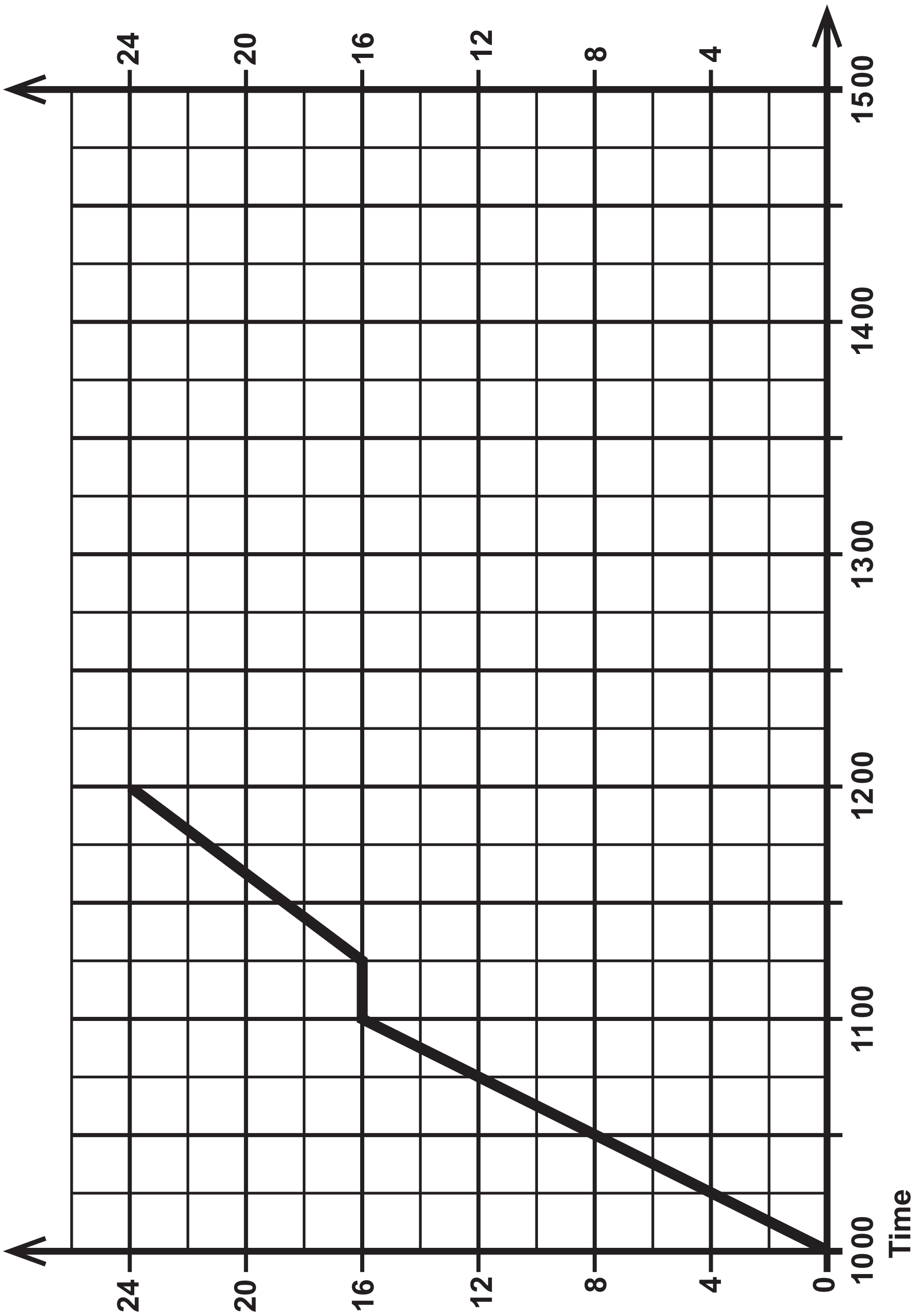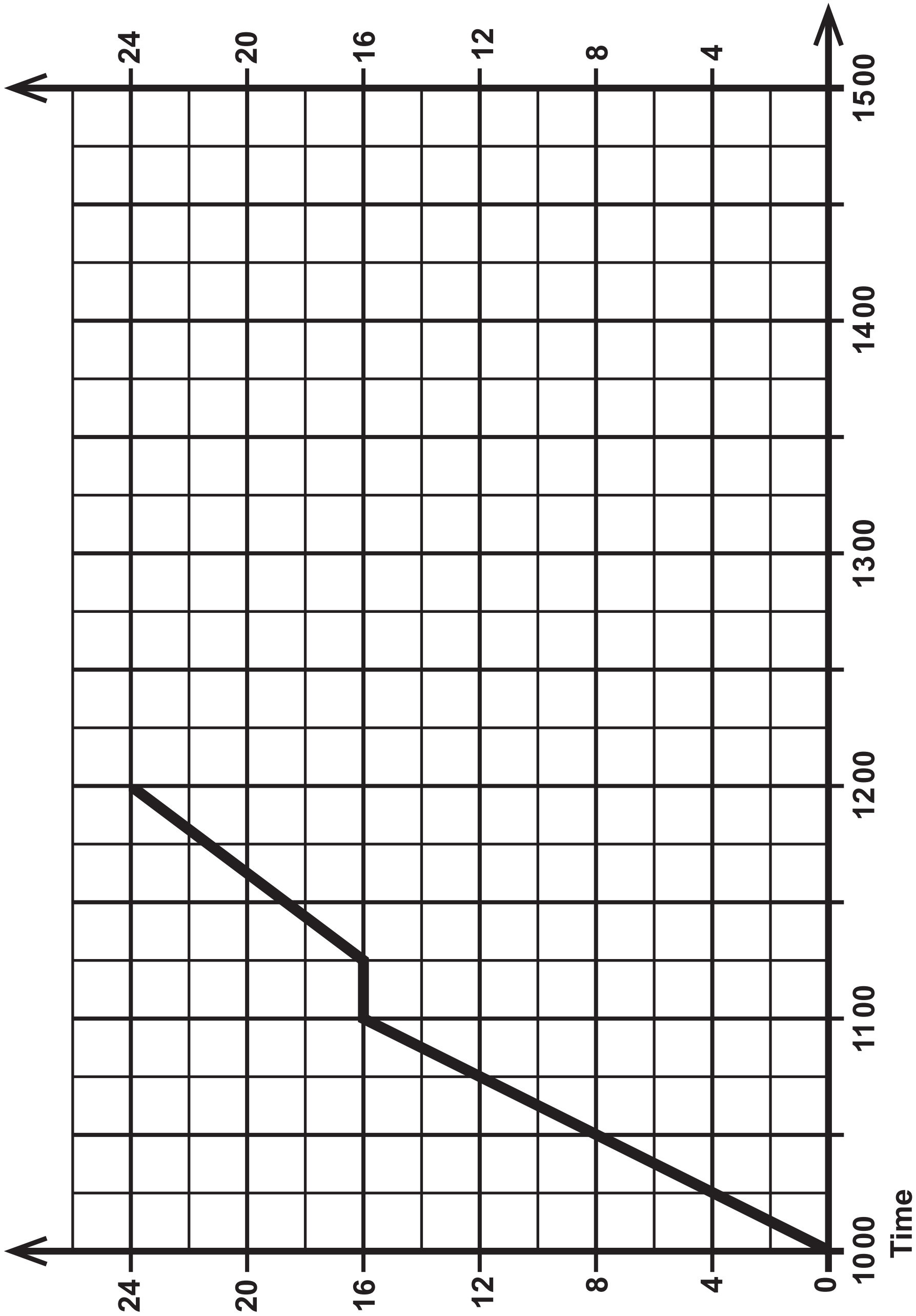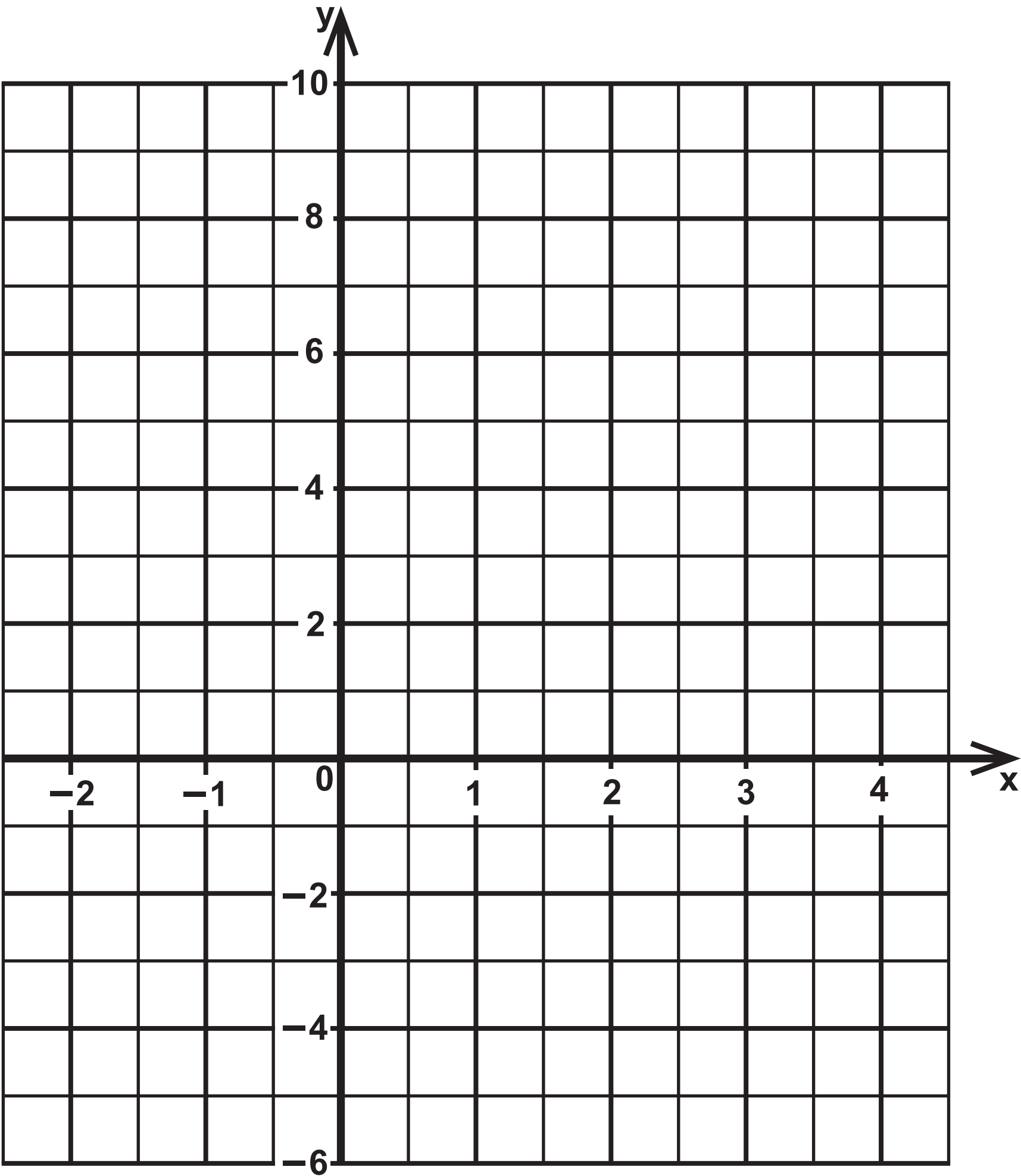
Question 18(b)

Question 18(b)
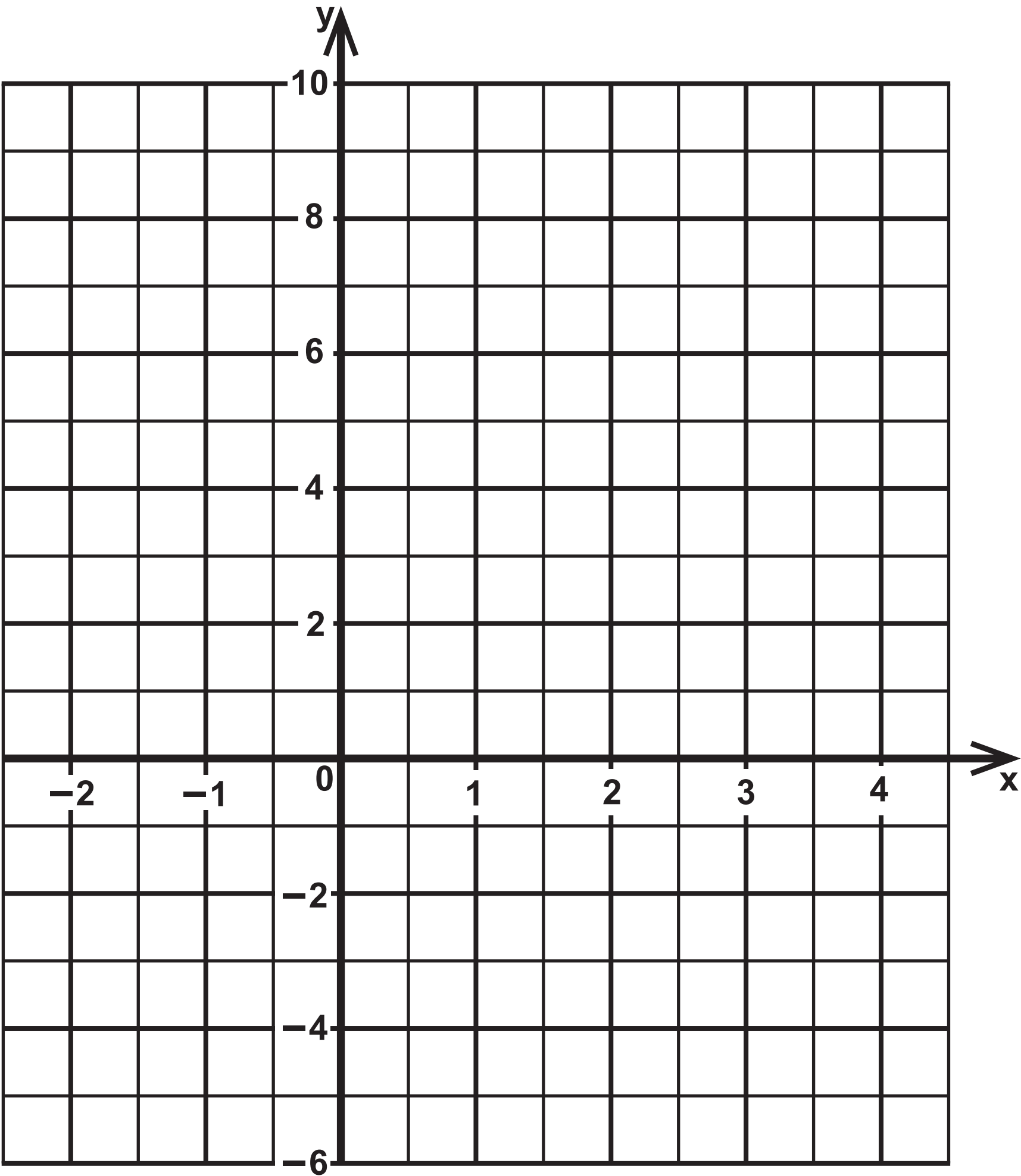
Question 19

Number	Probability
1	2x
2	0·18
3	2x
4	3x
5	0·26
6	x

Question 20

8 cm

8 cm

5 cm

12 cm

Question 23