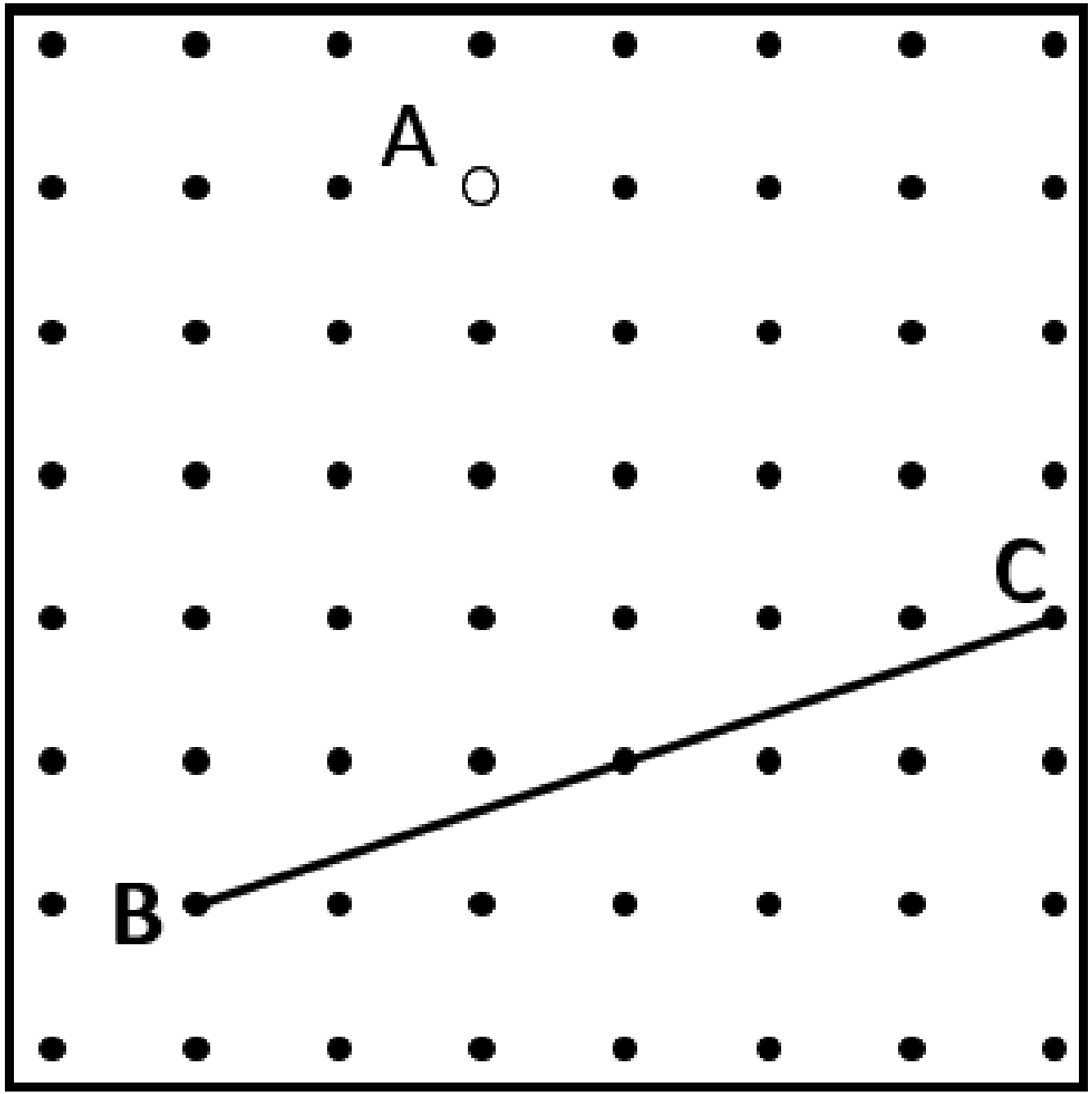
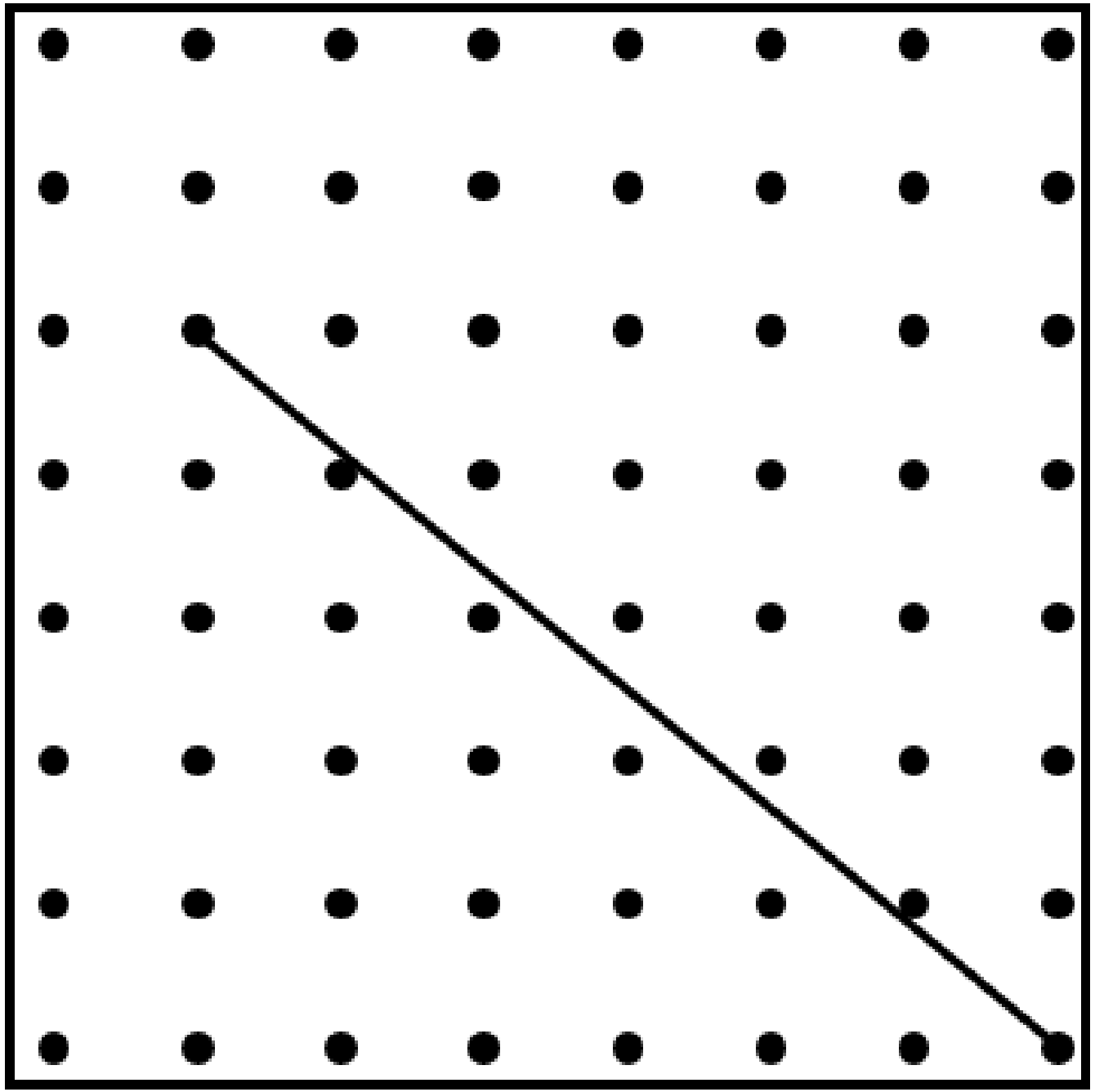
P4 - P6 Math Learning Fest 2023

Participants Activity Sheets

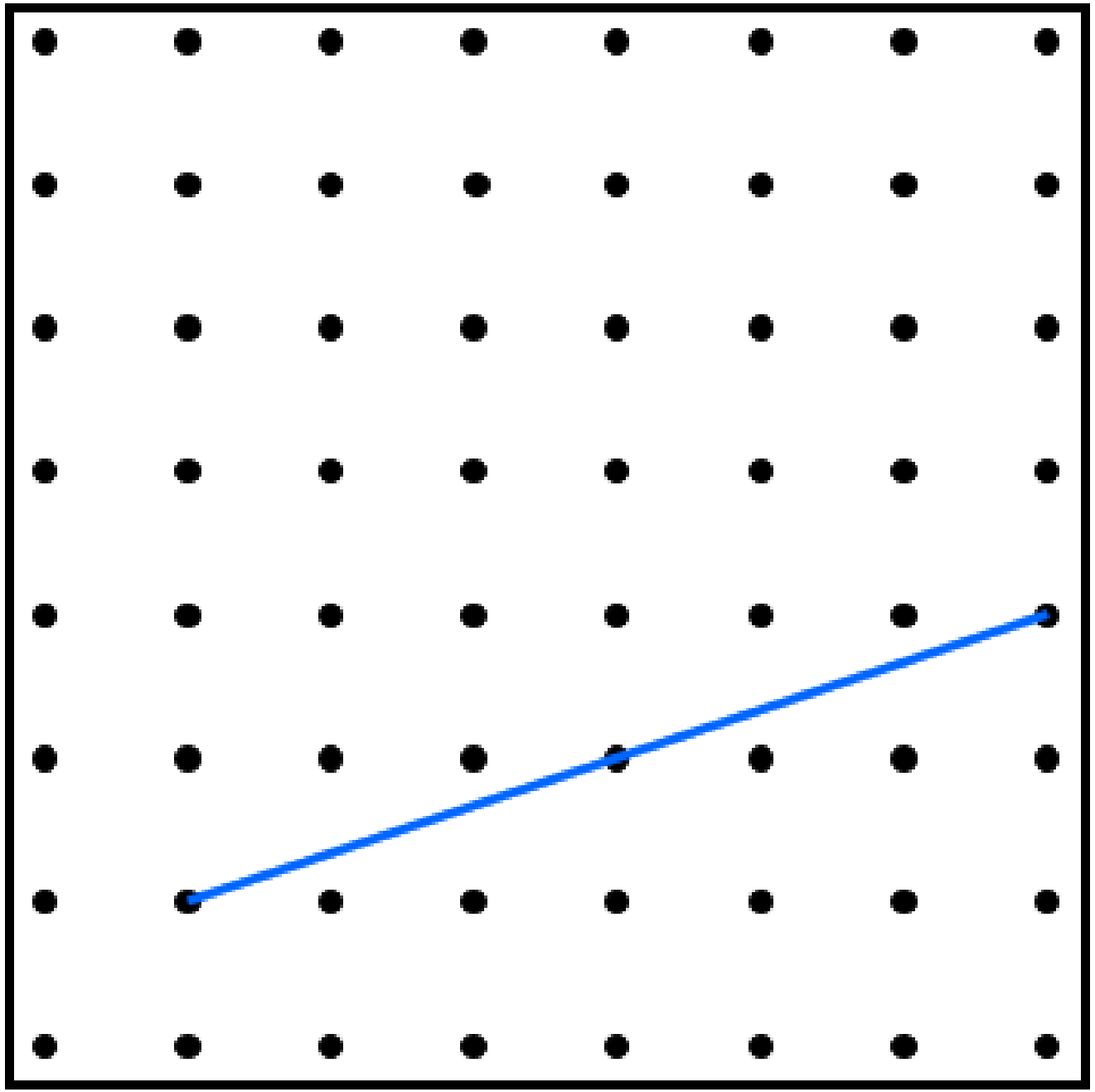
Task 1



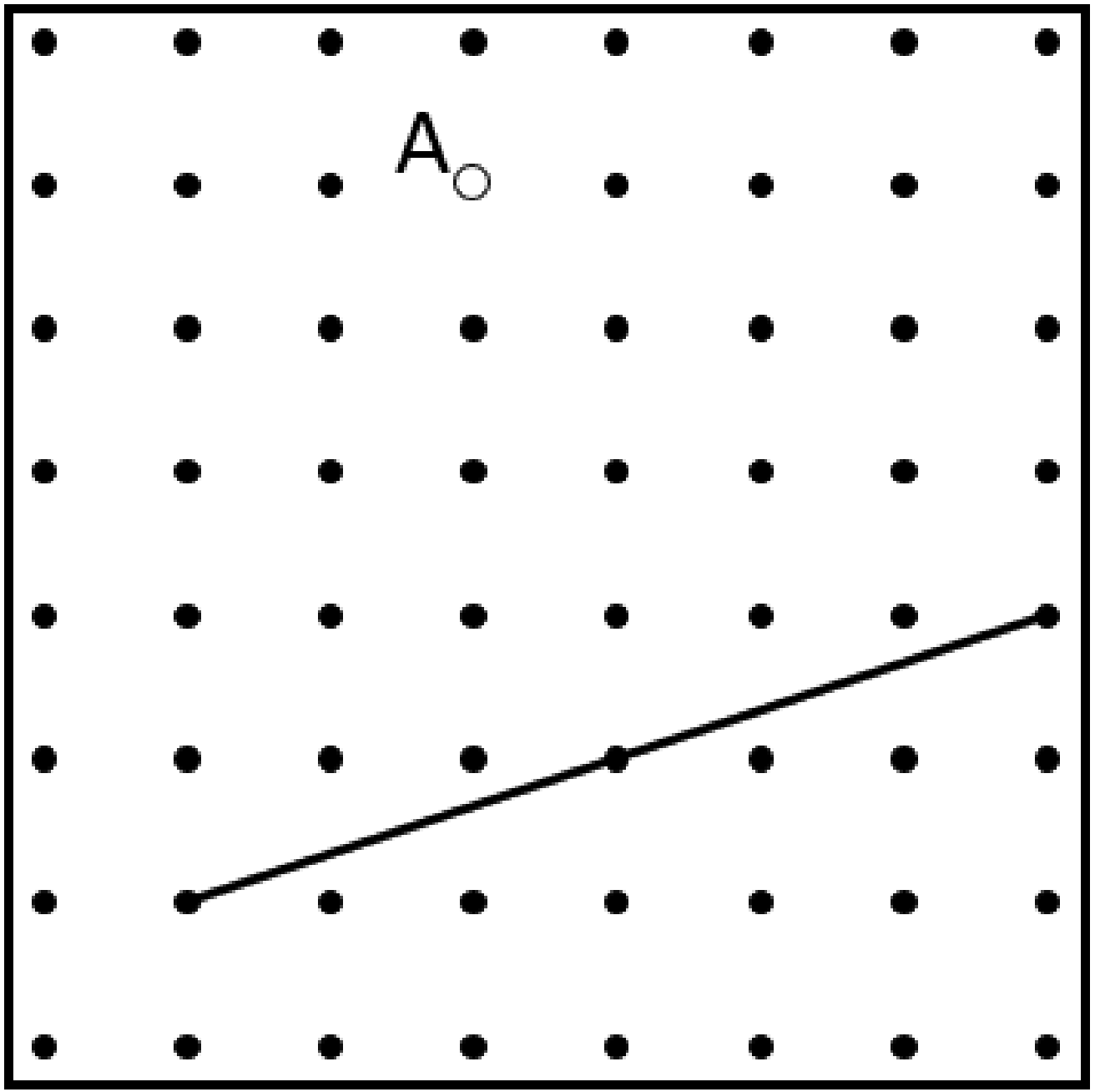
Task 2



Task 3

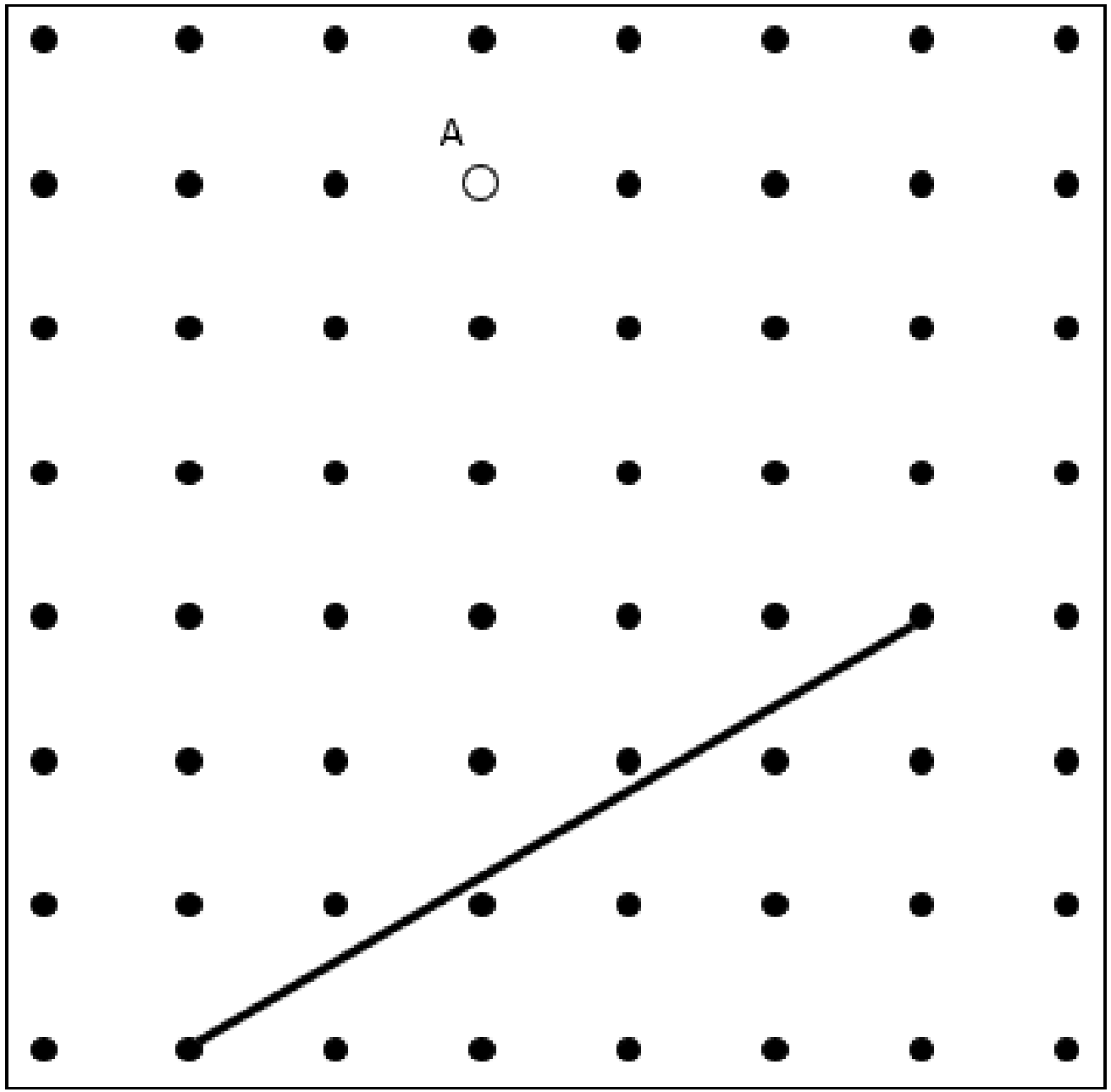


Task 4



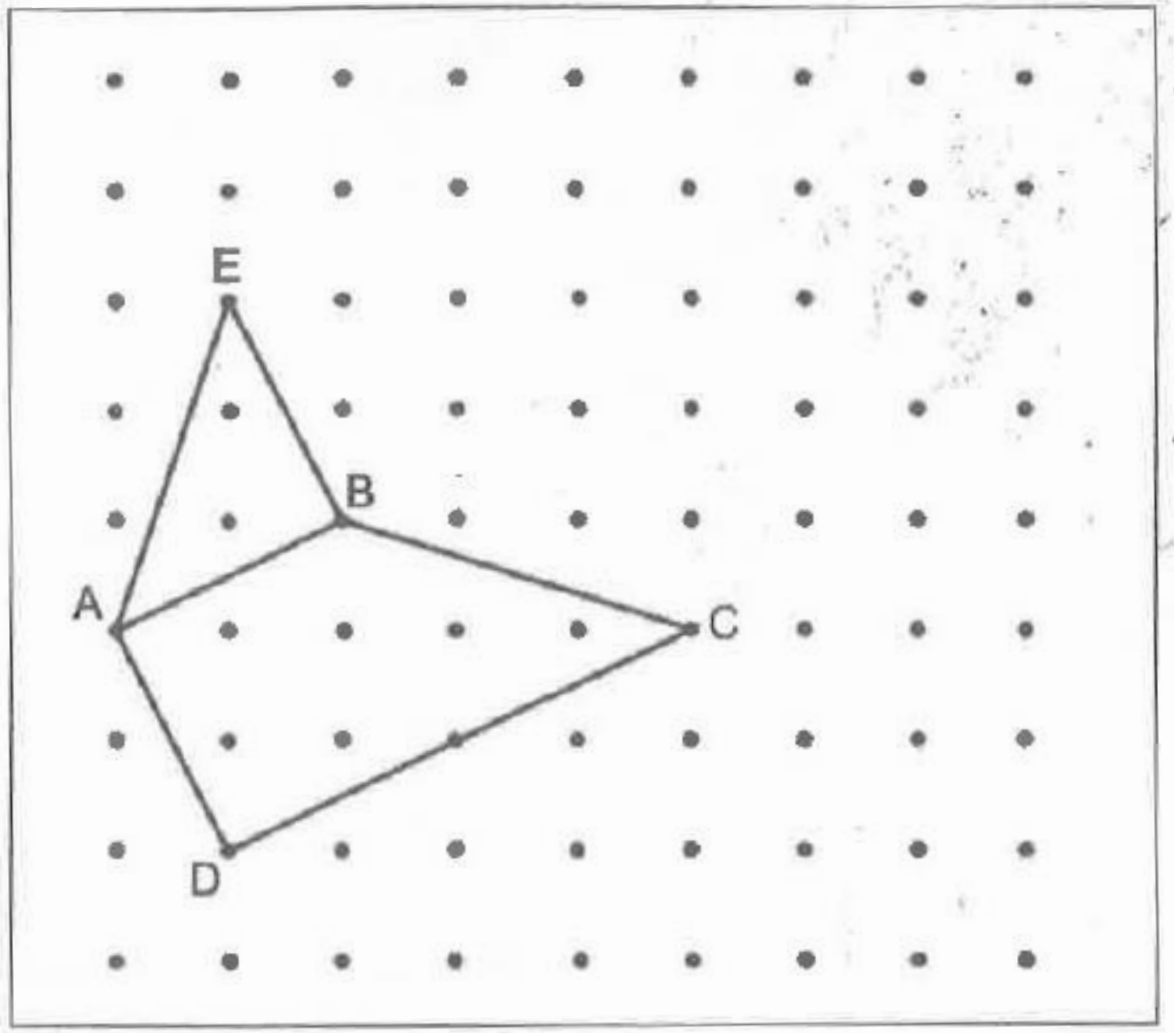
Task 5

Circle all the other possible positions of A such that a line passing through A is perpendicular to the given line.



PSLE Question (2020)

A trapezium ABCD and a right-angled triangle ABE are drawn on a square grid inside a box.



By joining dots on the grid with straight lines,

(a) draw another trapezium ABCF such that AF is longer than BC.

(b) draw another triangle ABG such that it has the same area as triangle ABE. Triangle ABG must not overlap with trapezium ABCD.

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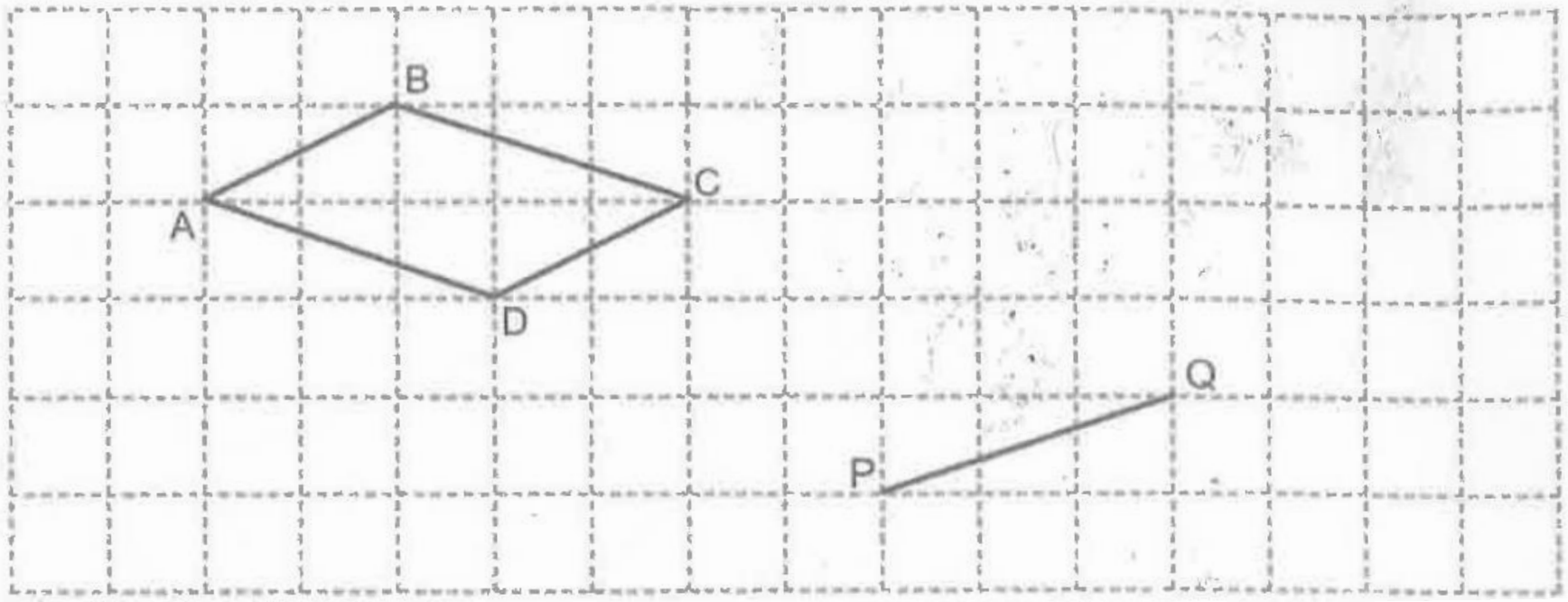
PSLE Question (2021)

A parallelogram ABCD is drawn on a square grid.



(a) Using the line PQ, draw triangle PQR such that it has the same perimeter as ABCD and PQ = QR.

[1]

(b) Find the ratio of area of ABCD to the area of PQR.

PSLE Question (2020)

A roll of tape has stars and hearts printed in a repeated pattern.

Mabel cuts a piece of tape from the roll. In that piece, there are 135 stars.
Find the possible numbers of hearts on that piece of tape.

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PSLE Question (2019)

A table with 4 columns is filled with numbers in a certain pattern.
The first 4 rows of the table are shown below.

	Column A	Column B	Column C	Column D
Row 1	0	1	2	3
Row 2	4	5	6	7
Row 3	8	9	10	11
Row 4	12	13	14	15
⋮	⋮	⋮	⋮	⋮

In which column will the number 543 appear?

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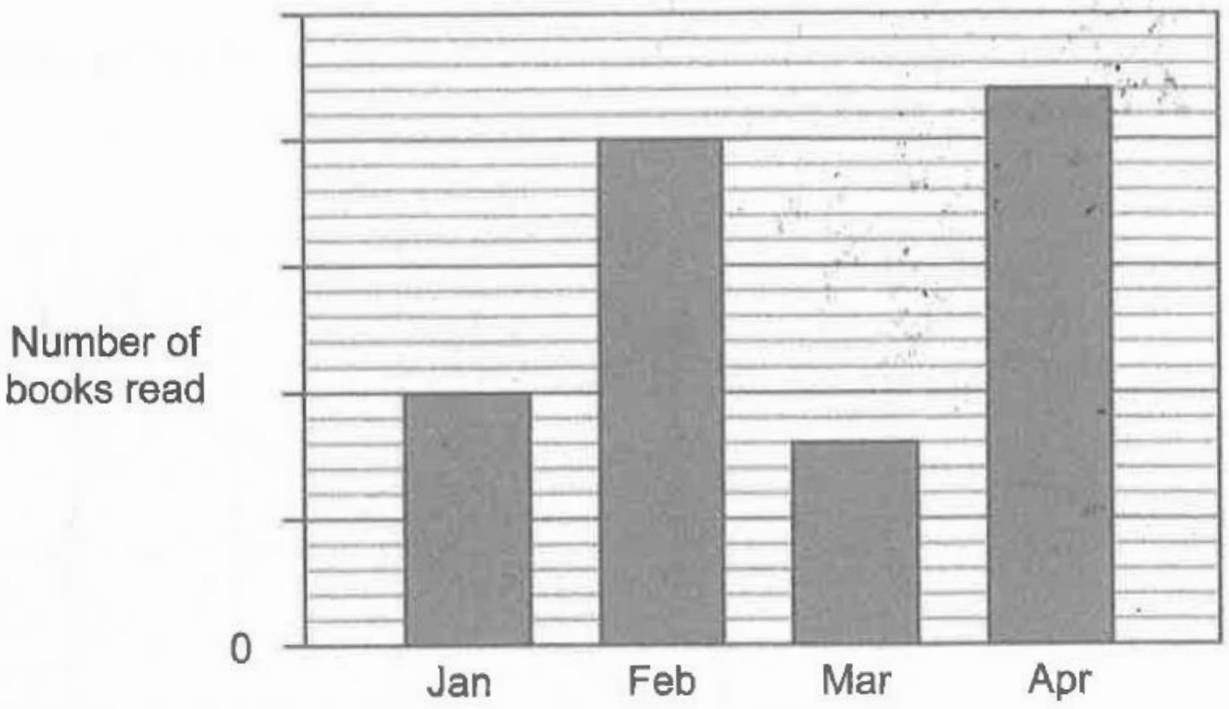
2019 PSLE Question – No value given at Axis

The bar graph shows the number of books read by Class 6A from January to April. The number of books read is not shown on the scale.



(a) What was the percentage increase in the number of books read from January to February?

(b) The average number of books read in a month from January to April was 75. How many books did Class 6A read in April?

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