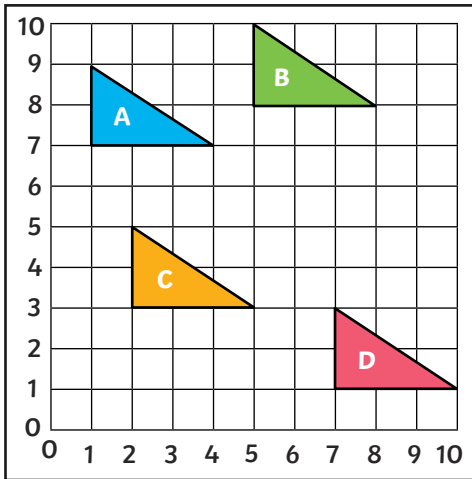


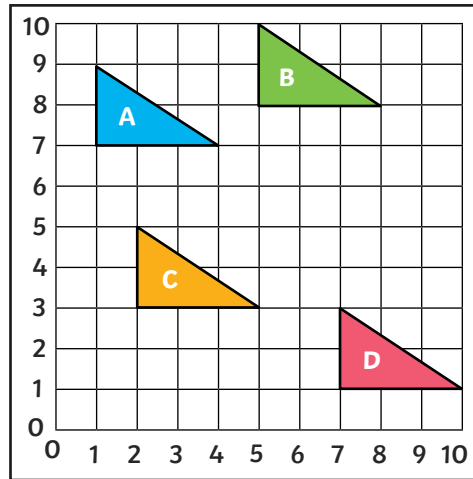
Four identical triangles are shown on this coordinate grid.



- 1) Complete the description of the following translations:
 - a) triangle A to triangle B
 - b) triangle B to triangle C
 - c) triangle C to triangle D
- 2) Describe a different translation. Can your partner identify which triangles' positions you are describing?

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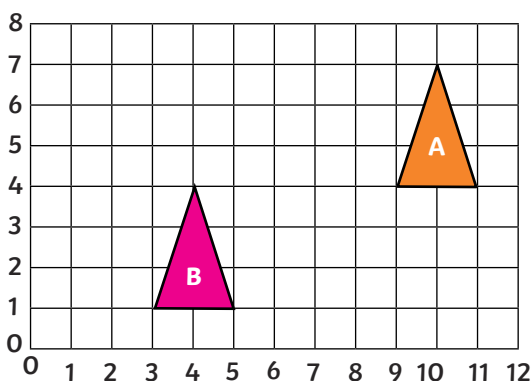
Translating a shape right 5, up 4 is the same as translating a shape right 4 and up 5.

- 1) Do you agree?



Triangle A has been translated left 4, down 6 to become triangle B.

- 2) Do you agree? Explain your reasoning.



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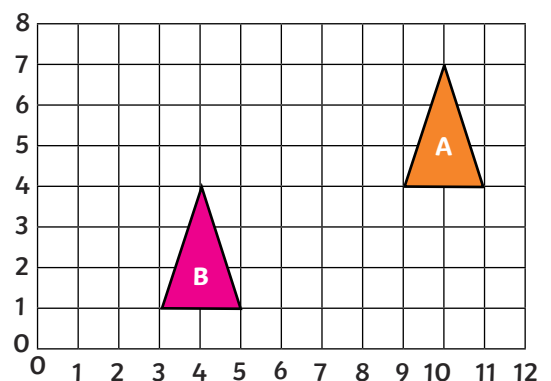
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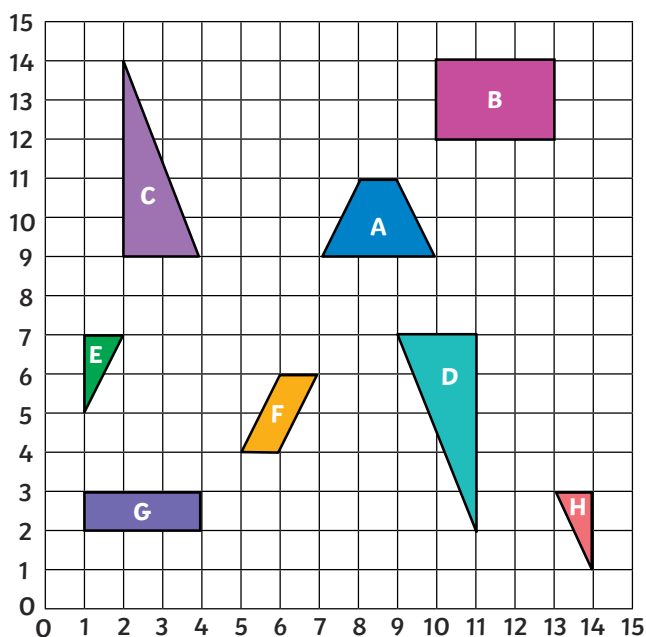


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Describe the translations you could do to piece together the shapes to make new shapes.



For example, triangle E could translate right 4, down 1 to make a trapezium with parallelogram F.

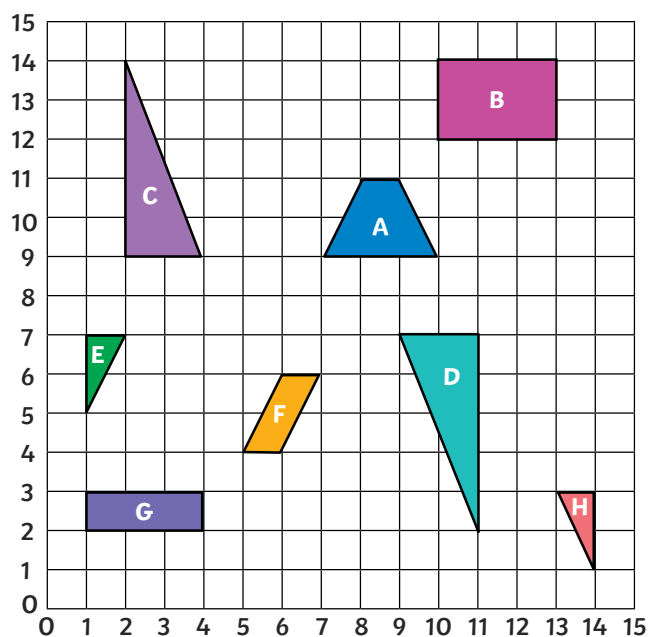


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