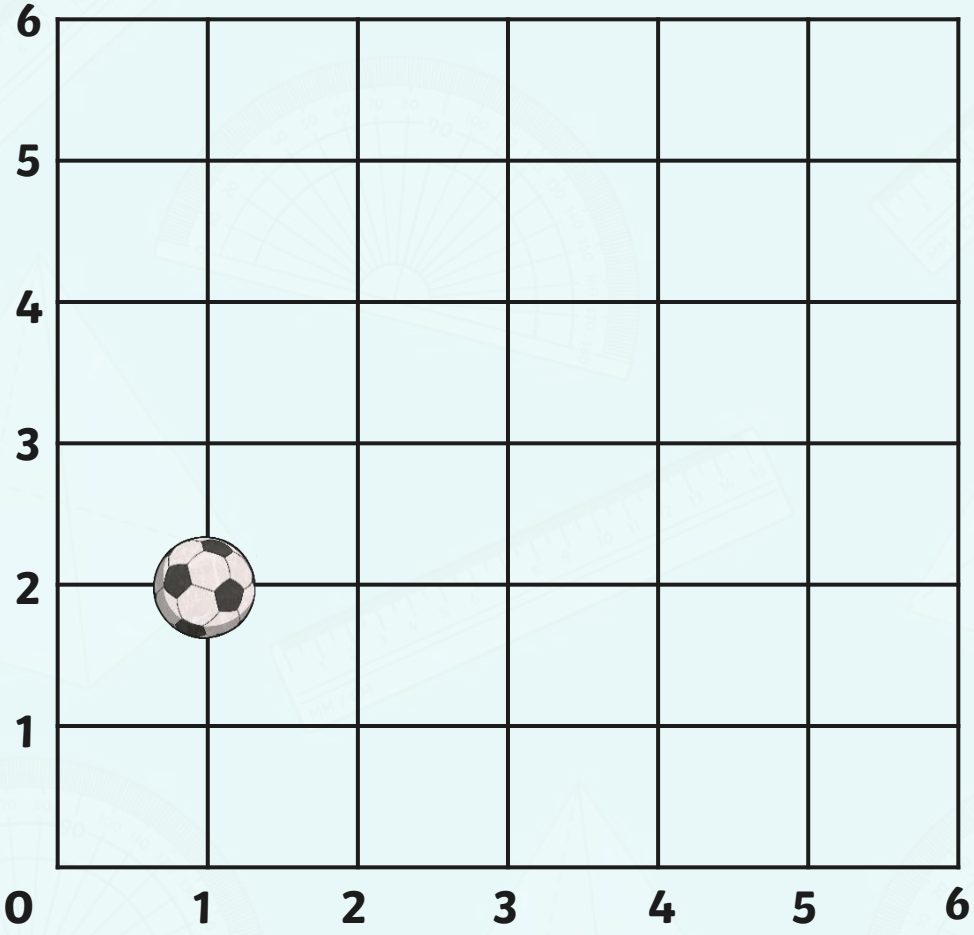
Coordinate Translations

Translating Coordinates



In maths, translation means moving an object on a grid.

The object is moved without changing the size, turning or reflecting it.

When translating an object on a grid, it can slide up or down, left or right.

Click on the football to translate it **up 4** on the grid.

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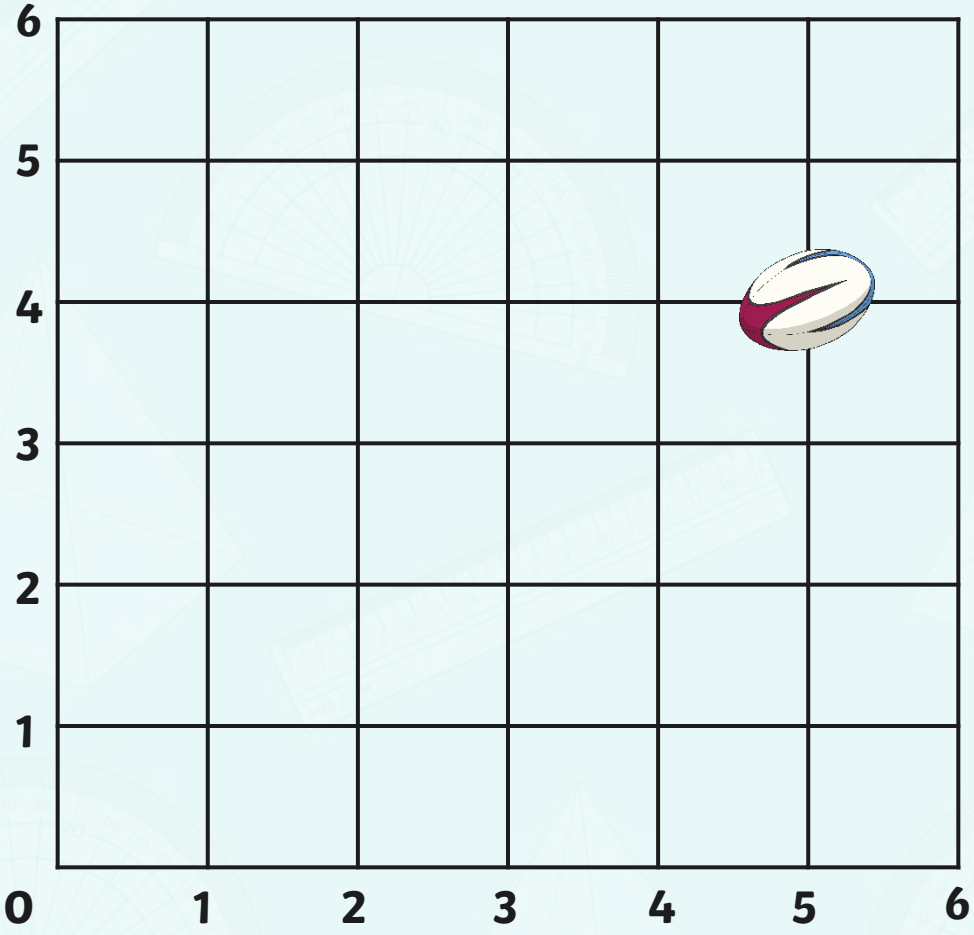
Translating Coordinates



In maths, translation means moving an object on a grid.

The object is moved without changing the size, turning or reflecting it.

When translating an object on a grid, it can slide up or down, left or right.

Click on the rugby ball to translate it **left 3** on the grid.

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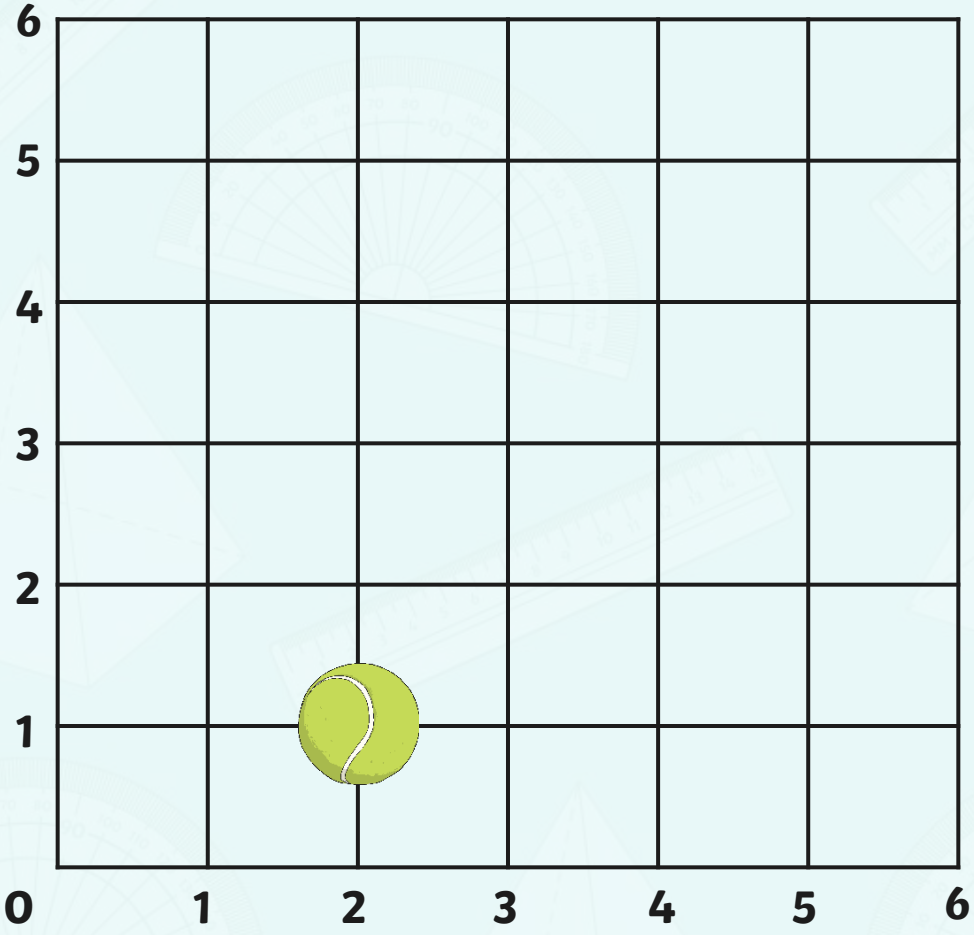
Translating Coordinates



In maths, translation means moving an object on a grid.

The object is moved without changing the size, turning or reflecting it.

When translating an object on a grid, it can slide up or down, left or right.

Click on the tennis ball to translate it **right 4, up 2** on the grid.

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Missing Translations

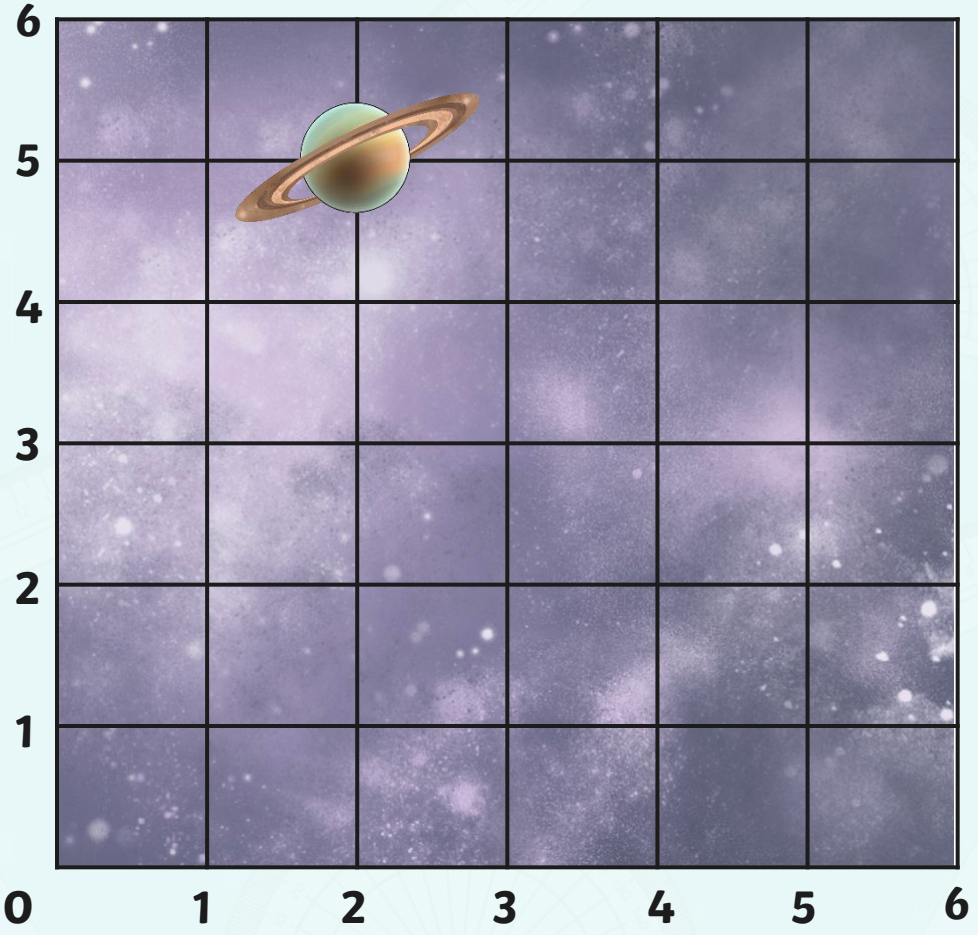
Click on the planet to see it translated.

Part of the translation describing the movement of the planet is missing.

Work with your partner to work out the missing part of the translation.

?	3
Down	3

Click on the question mark to see the answer.



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Missing Translations

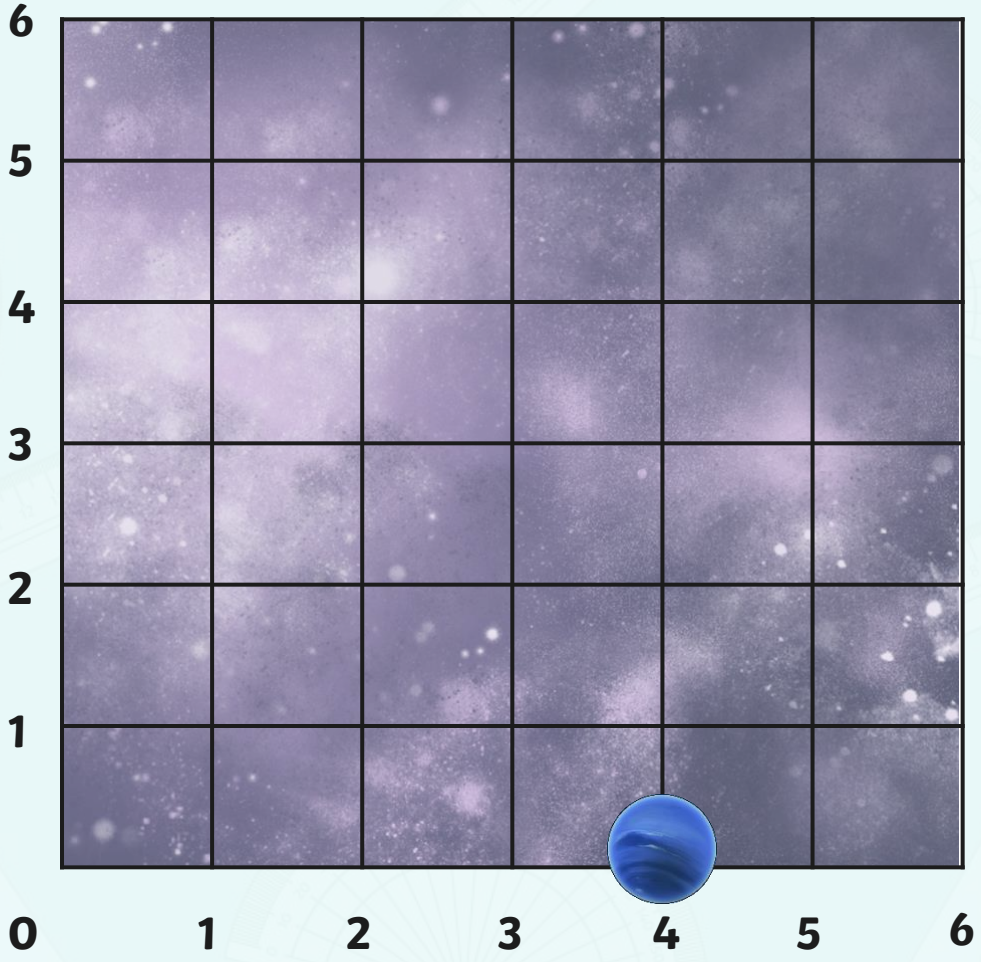
Click on the planet to see it translated.

Part of the translation describing the movement of the planet is missing.

Work with your partner to work out the missing part of the translation.

Left	?
Up	6

Click on the question mark to see the answer.



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Missing Translations

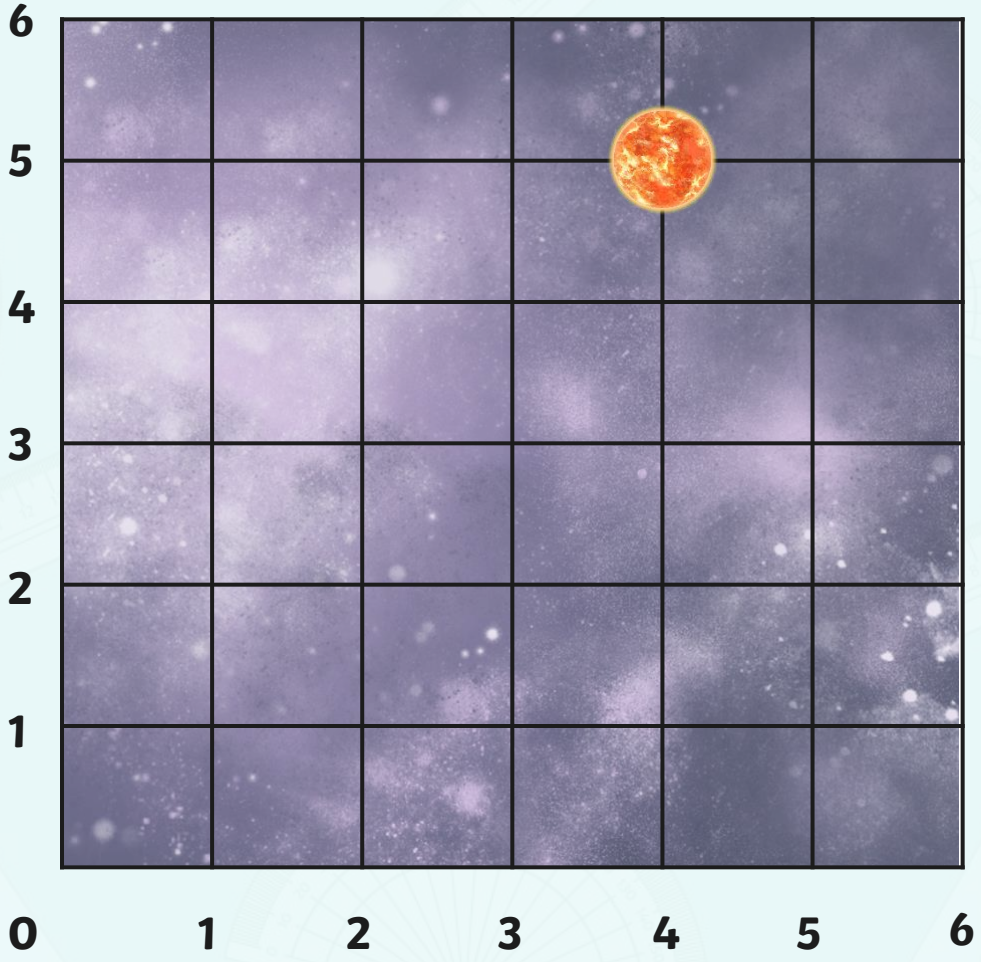
Click on the planet to see it translated.

Part of the translation describing the movement of the planet is missing.

Work with your partner to work out the missing part of the translation.

?	1
Down	?

Click on the question mark to see the answer.



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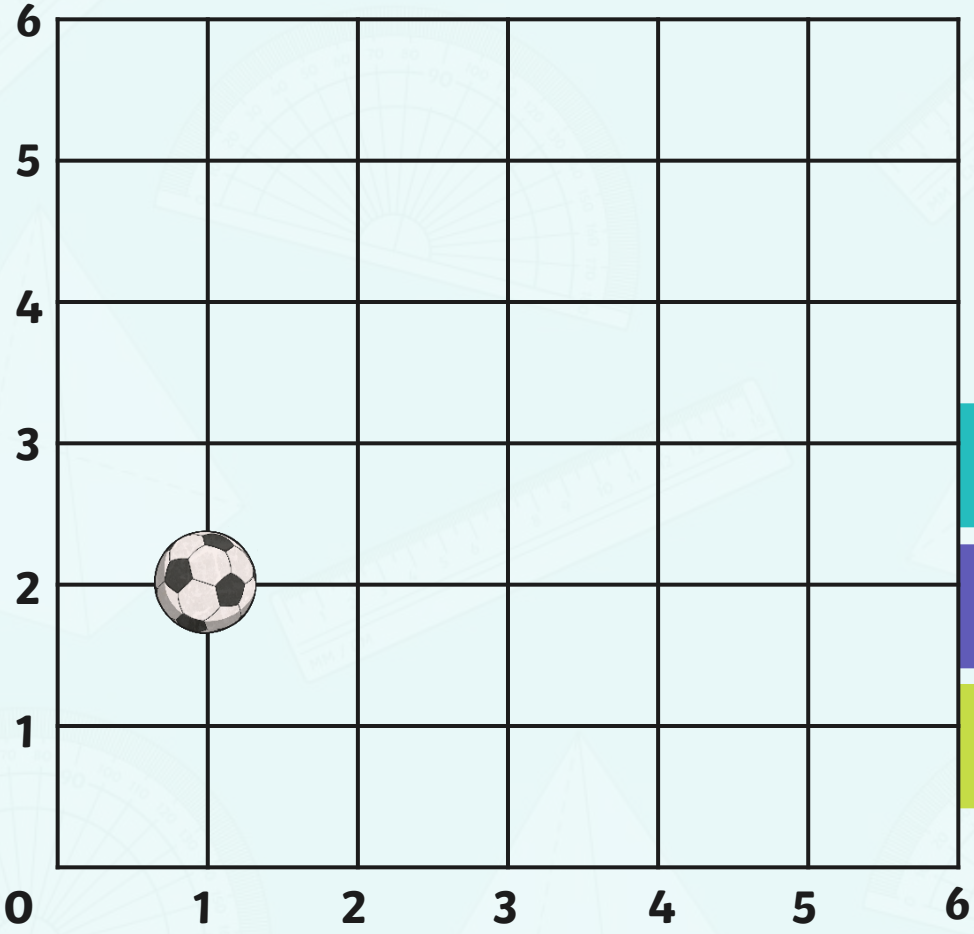
Translations New Position

Click on the football to translate it **up 4** on the grid.



When describing the translation, we can also include the position of the football using **coordinates:**

Starts at **(1,2)**

Translates **Up 4**

Finishes at **(1, 6)**

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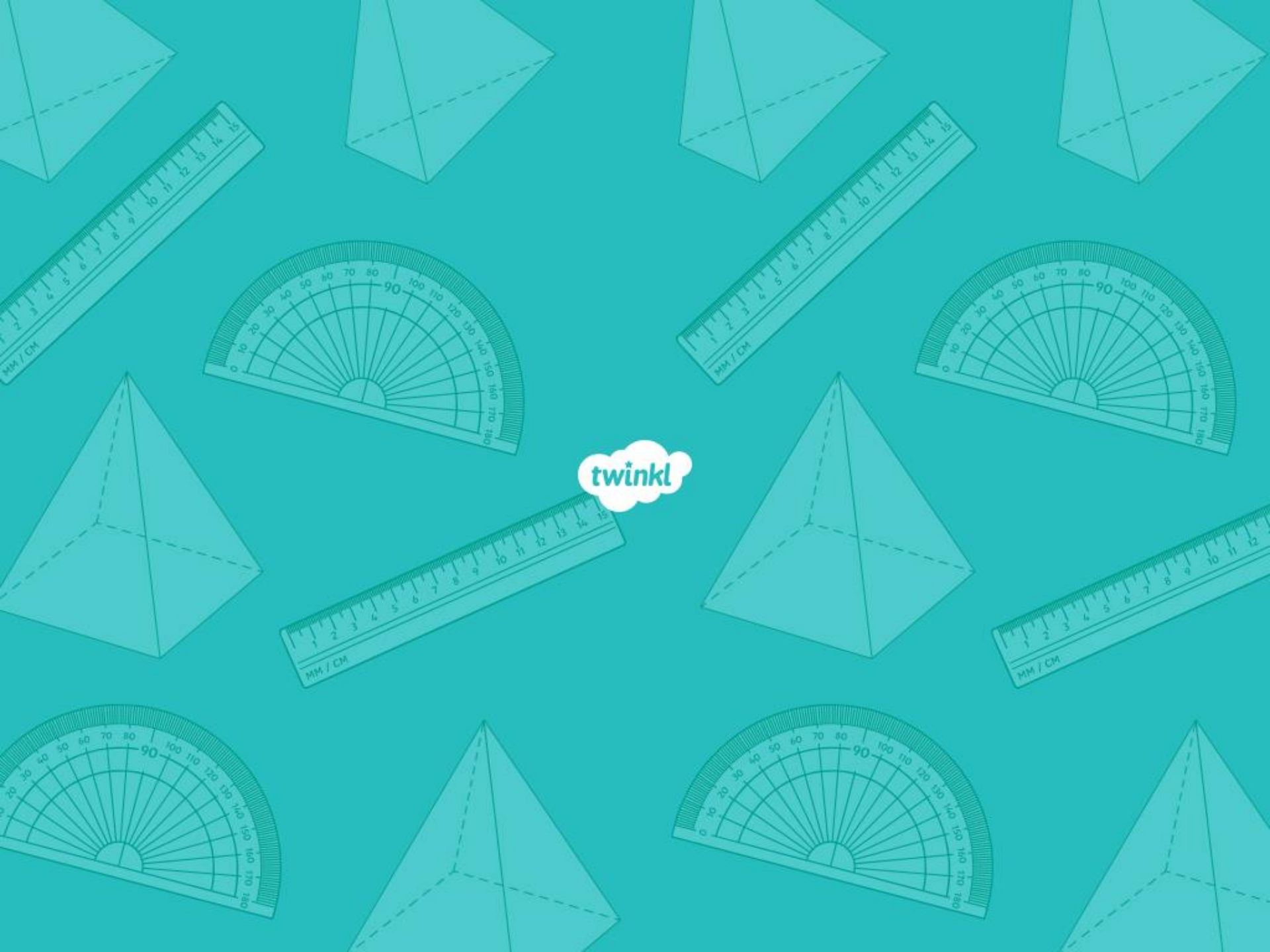
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