



**20
MA**

- 2** The function $f(x) = x^3$ is transformed to $g(x) = (x - 2)^3 + 5$ by a horizontal translation of 2 units followed by a vertical translation of 5 units.

Which row of the table shows the directions of the translations?

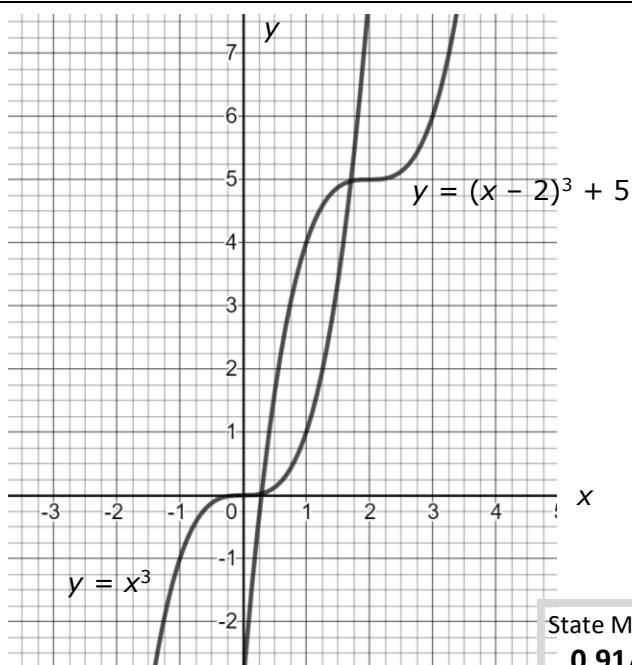
A.
B.
C.
D.

Horizontal translation of 2 units	Vertical translation of 5 units
Left	Up
Right	Up
Left	Down
Right	Down

1

B

From $y = x^3$ to $y = (x - 2)^3 + 5$ the graph has been translated 2 units to the right and 5 units up.



State Mean:
0.91/1

* These solutions have been provided by [projectmaths](http://projectmaths.com.au) and are not supplied or endorsed by NESA.

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