

23 The Periodic Table shows the position of four different elements.

The diagram shows a periodic table with the following layout:

- Row 1: Element A (top-left), an empty box (top-center), and an empty box (top-right).
- Row 2: Element C (second column), a gap (third to tenth columns), Element B (fourth column), and Element D (far-right column).
- Row 3: A continuous row of 18 empty boxes.
- Row 4: A continuous row of 18 empty boxes.

Which row is correct?

	element	number of electrons in the outer shell
A	non-metal	1
B	metal	5
C	metal	2
D	non-metal	7