

9.2 Periodic Trends

Question Paper

Level	IGCSE
Subject	Chemistry (0620)
Exam Board	Cambridge International Examinations (CIE)
Topic	The Periodic Table
Sub-Topic	9.2 Periodic Trends
Booklet	Question Paper

Time Allowed: 10 minutes

Score: /8

Percentage: /100

Grade Boundaries:

A*	A	B	C	D	E	U
>85%	75%	60%	45%	35%	25%	<25%

- 5 Calcium, on the left of Period 4 of the Periodic Table, is more metallic than bromine on the right of this period.

Why is this?

Calcium has

- A fewer electrons.
 - B fewer protons.
 - C fewer full shells of electrons.
 - D fewer outer shell electrons.
- 6 The diagram shows one period of the Periodic Table.

Li	Be	B	C	N	O	F	Ne
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Which two elements form acidic oxides?

- A carbon and lithium
 - B carbon and neon
 - C carbon and nitrogen
 - D nitrogen and neon
- 7 Which property of elements increases across a period of the Periodic Table?
- A metallic character
 - B number of electron shells
 - C number of outer shell electrons
 - D tendency to form positive ions

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8 W, X, Y and Z are elements in the same period in the Periodic Table.

W and Y are metals. X and Z are non-metals.

Which shows the correct order of these elements across the period?

A

W		X		Y		Z	
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B

X	Z				W		Y
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C

Y					W	X	Z
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D

W		Y				X	Z
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