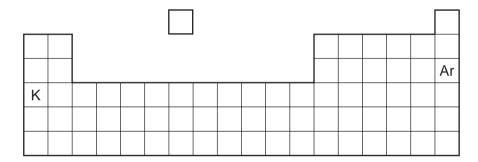
1 Where in the Periodic Table is the metallic character of the elements greatest?

	left or right side of a period	at the top or bottom of a group			
A left		bottom			
в	left	top			
С	right	bottom			
D	right	top			

2 Argon, Ar, has a higher relative atomic mass than potassium, K, but appears before it in the Periodic Table.



Why is argon listed before potassium in the Periodic Table?

- **A** Argon has fewer neutrons than potassium.
- **B** Argon has fewer protons than potassium.
- **C** Argon has more neutrons than potassium.
- **D** Argon has more protons than potassium.

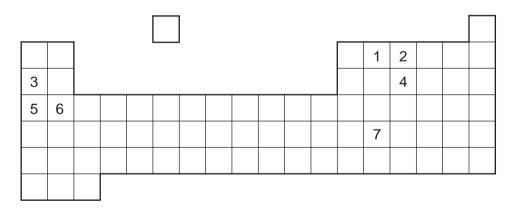
3 J and K are two elements from the same period in the Periodic Table.

The table gives some properties of J and K.

	J	K
appearance	shiny grey	dull yellow
electrical conductivity when solid	good	poor
malleability	malleable	brittle

Which statement about J and K is correct?

- **A** J forms an acidic oxide.
- **B** J is found to the left of K in the Periodic Table.
- **C** K forms positive ions when it reacts.
- **D** K is more metallic than J.
- 4 In the outline of the Periodic Table below, some elements are shown as numbers.



Which two numbers are **metals** in the same period?

A 1 and 2 **B** 1 and 7 **C** 3 and 5 **D** 5 and 6

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	В	В	С	N	0	F	Ne

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

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?

Α	W		Х	Y		Z	
В	x	Z			W		Y
с	Y				W	х	Z
D	W		Y			Х	Z