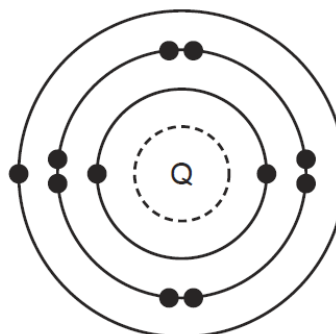
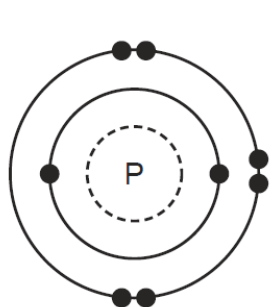


NO:	FORMULA OF COMPOUNDS-SET-1																
1	<p>For which compound is the formula correct?</p> <table border="1" data-bbox="261 344 1065 690"> <thead> <tr> <th></th> <th>compound</th> <th>formula</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>ammonia</td> <td>NH_4</td> </tr> <tr> <td>B</td> <td>carbon monoxide</td> <td>CO_2</td> </tr> <tr> <td>C</td> <td>iron(III) oxide</td> <td>Fe_3O_2</td> </tr> <tr> <td>D</td> <td>zinc hydroxide</td> <td>$\text{Zn}(\text{OH})_2$</td> </tr> </tbody> </table>			compound	formula	A	ammonia	NH_4	B	carbon monoxide	CO_2	C	iron(III) oxide	Fe_3O_2	D	zinc hydroxide	$\text{Zn}(\text{OH})_2$
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Ms-2	D																

3

The electronic structures of atoms P and Q are shown.



key

● = electron

P and Q react to form an ionic compound.

What is the formula of this compound?

A PQ_2 **B** P_2Q **C** P_2Q_6 **D** P_6Q_2

Ms-3

A

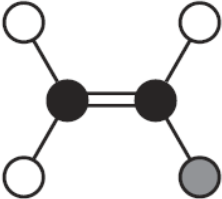
4

For which compound is the formula correct?

	compound	formula
A	ammonium chloride	NH_3Cl
B	copper(II) sulphide	CuS
C	iron(II) sulphide	Fe_3S
D	silver nitrate	Ag_2NO_3

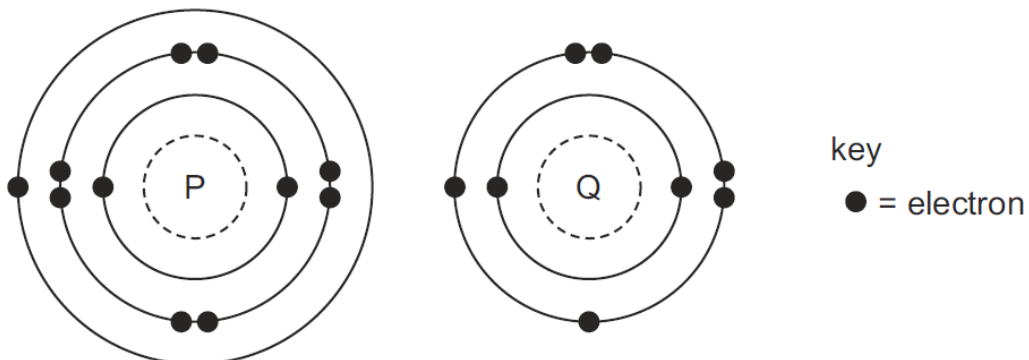
Ms-4

B

5	<p>The diagram shows a molecule of vinyl chloride (used to make pvc).</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: left;"> <p>key</p> <ul style="list-style-type: none"> a carbon atom a chlorine atom a hydrogen atom </div> </div> <p>What is the formula of vinyl chloride?</p> <p>A CH_2Cl_3 B CH_3Cl_2 C C_2HCl_3 D $\text{C}_2\text{H}_3\text{Cl}$</p>
Ms-5	D
6	<p>When written as formulae, which compound has the greatest number of oxygen atoms?</p> <p>A calcium oxide</p> <p>B copper(II) oxide</p> <p>C iron(III) oxide</p> <p>D potassium oxide</p>
Ms-6	C

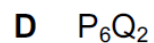
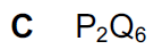
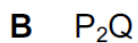
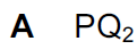
7

The electronic structures of atoms P and Q are shown.



P and Q react to form an ionic compound.

What is the formula of this compound?



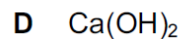
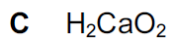
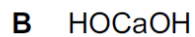
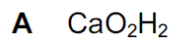
Ms-7

B

8

A compound contains one atom of calcium, two atoms of hydrogen and two atoms of oxygen.

What is the correct chemical formula of the compound?



Ms-8

D