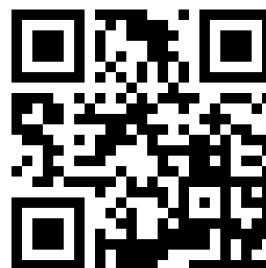


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الملف Worksheet about Ionic chemical formula

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Fitchemistry

Quiz

*CgZanna

SP 3.3.5 Membina formula kimia sebatian.

8. Tulis formula ion bagi kation dan anion berikut. **10P2**
Write the formulae of ions for the following cations and anions.

| Kation Cation | Formula kation Formula of cation |
|---|-------------------------------------|
| (a) Ion hidrogen <i>Hydrogen ion</i> | |
| (b) Ion litium <i>Lithium ion</i> | |
| (c) Ion natrium <i>Sodium ion</i> | |
| (d) Ion kalium <i>Potassium ion</i> | |
| (e) Ion argentum <i>Silver ion</i> | |
| (f) Ion ammonium <i>Ammonium ion</i> | |
| (g) Ion magnesium <i>Magnesium ion</i> | |
| (h) Ion zink <i>Zinc ion</i> | |

| Kation Cation | Formula kation Formula of cation |
|--|-------------------------------------|
| (a) Ion kalsium <i>Calcium ion</i> | |
| (b) Ion plumbum(II) <i>Lead(II) ion</i> | |
| (c) Ion kuprum(II) <i>Copper(II) ion</i> | |
| (d) Ion ferum(II) <i>Iron(II) ion</i> | |
| (e) Ion ferum(III) <i>Iron(III) ion</i> | |
| (f) Ion mangan(II) <i>Manganese(II) ion</i> | |
| (g) Ion aluminium <i>Aluminium ion</i> | |
| (h) Ion kromium(III) <i>Chromium(III) ion</i> | |

Cuba jawab **Praktis SPM 3, K1:53**

| Anion <i>Anion</i> | Formula anion <i>Formula of anion</i> |
|--|--|
| (a) Ion hidroksida <i>Hydroxide ion</i> | |
| (b) Ion klorida <i>Chloride ion</i> | |
| (c) Ion bromida <i>Bromide ion</i> | |
| (d) Ion iodida <i>Iodide ion</i> | |
| (e) Ion manganat(VII) <i>Manganate(VII) ion</i> | |
| (f) Ion nitrat <i>Nitrate ion</i> | |
| (g) Ion etanoat <i>Ethanoate ion</i> | |

| Anion <i>Anion</i> | Formula anion <i>Formula of anion</i> |
|---|--|
| (h) Ion sulfat <i>Sulphate ion</i> | |
| (i) Ion karbonat <i>Carbonate ion</i> | |
| (j) Ion tiosulfat <i>Thiosulphate ion</i> | |
| (k) Ion kromat(VI) <i>Chromate(VI) ion</i> | |
| (l) Ion dikromat(VI) <i>Dichromate(VI) ion</i> | |
| (m) Ion nitride <i>Nitride ion</i> | |
| (n) Ion fosfat <i>Phosphate ion</i> | |

7. Tulis formula kimia bagi sebatian ion berikut. **TP3 KBAT** Mengaplikasi
Write the chemical formula for the following ionic compounds.

| Sebatian ion <i>Ionic compound</i> | Formula kimia <i>Chemical formula</i> |
|---|--|
| (a) Magnesium sulfat <i>Magnesium sulphate</i> | |
| (b) Zink nitrat <i>Zinc nitrate</i> | |
| (c) Kalium oksida <i>Potassium oxide</i> | |
| (d) Kuprum(II) sulfat <i>Copper(II) sulphate</i> | |
| (e) Kalsium karbonat <i>Calcium carbonate</i> | |
| (f) Argentum nitrat <i>Silver nitrate</i> | |
| (g) Natrium hidroksida <i>Sodium hydroxide</i> | |

| Sebatian ion <i>Ionic compound</i> | Formula kimia <i>Chemical formula</i> |
|---|--|
| (h) Kalium klorida <i>Potassium chloride</i> | |
| (i) Ferum(II) sulfat <i>Iron(II) sulphate</i> | |
| (j) Plumbum(II) iodida <i>Lead(II) iodide</i> | |
| (k) Litium hidroksida <i>Lithium hydroxide</i> | |
| (l) Barium nitrat <i>Barium nitrate</i> | |
| (m) Ammonium fosfat <i>Ammonium phosphate</i> | |
| (n) Aluminium nitrat <i>Aluminium nitrate</i> | |

Cuba Jawab Praktis SPM 3, K1: S2, S4