



Chem!stry

Name: ()

Class:

Date: / /

Differentiated Instruction for Chemical Formulae – Choice Grid

Instructions:

- There are five Levels of Difficulty (top-to-bottom).
- Each Level of Difficulty has five different Options (left-to-right).
- For a particular Level of Difficulty, each option is worth a certain number of stars, e.g. all of the options under Level of Difficulty Two are worth two stars each.
- Write formulae worth a total of 35 stars (a total of 75 stars are available).
- You should write at least one formula from each Level of Difficulty (top-to-bottom).

Level of Difficulty	Option				
	One	Two	Three	Four	Five
One (worth one ★)	sodium oxide	caesium bromide	magnesium chloride	lead(II) oxide	sulfur dioxide
Two (worth two ★)	potassium carbonate	iron(III) oxide	methane	calcium hydroxide	silver sulfate
Three (worth three ★)	boron oxide	titanium(IV) oxide	ammonium phosphate	hydrogen peroxide	calcium nitride
Four (worth four ★)	vanadium(V) oxide	sulfuric acid	nickel(II) phosphate	uranium(VI) fluoride	zinc hydroxide
Five (worth five ★)	ammonium dichromate(VI)	calcium manganate(VII)	dinitrogen pentoxide	chromium(III) carbonate	lead(II) ethanoate

- Write the name of the compound and its formula in the space provided below:

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- These formulae are worth a total of stars.

- Scan the QR code below for the answers to this assignment.



http://www.chemist.sg/formulae_equations/formulae_assignments/differentiated_formulae_ans.pdf