

General Science 3200

Worksheet 11: Counting Atoms

Name: _____

For each of the following questions, count the total number of each type of atom that is present in the formula.

<div>1. Fe_2O_3</div> <div>Example:</div> <table><tr><th>Type of Atom</th><th># of Atoms</th></tr><tr><td>Fe</td><td>2</td></tr><tr><td>O</td><td>3</td></tr></table>	Type of Atom	# of Atoms	Fe	2	O	3	<div>2. $NaCl$</div> <table><tr><th>Type of Atom</th><th># of Atoms</th></tr><tr><td></td><td></td></tr></table>	Type of Atom	# of Atoms			<div>3. $AlCl_3$</div> <table><tr><th>Type of Atom</th><th># of Atoms</th></tr><tr><td></td><td></td></tr></table>	Type of Atom	# of Atoms		
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<div>4. Li_3P</div> <table><tr><th>Type of Atom</th><th># of Atoms</th></tr><tr><td></td><td></td></tr></table>	Type of Atom	# of Atoms			<div>5. Be_3N_2</div> <table><tr><th>Type of Atom</th><th># of Atoms</th></tr><tr><td></td><td></td></tr></table>	Type of Atom	# of Atoms			<div>6. KNO_3</div> <table><tr><th>Type of Atom</th><th># of Atoms</th></tr><tr><td></td><td></td></tr></table>	Type of Atom	# of Atoms				
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<div>7. $Ca(OH)_2$</div> <table><tr><th>Type of Atom</th><th># of Atoms</th></tr><tr><td></td><td></td></tr></table>	Type of Atom	# of Atoms			<div>8. $Ba(NO_3)_2$</div> <table><tr><th>Type of Atom</th><th># of Atoms</th></tr><tr><td></td><td></td></tr></table>	Type of Atom	# of Atoms			<div>9. Ag_2CrO_4</div> <table><tr><th>Type of Atom</th><th># of Atoms</th></tr><tr><td></td><td></td></tr></table>	Type of Atom	# of Atoms				
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<div>10. $Li_2S_2O_3$</div> <table><tr><th>Type of Atom</th><th># of Atoms</th></tr><tr><td></td><td></td></tr></table>	Type of Atom	# of Atoms			<div>11. $Ca_3(PO_4)_2$</div> <table><tr><th>Type of Atom</th><th># of Atoms</th></tr><tr><td></td><td></td></tr></table>	Type of Atom	# of Atoms			<div>12. $Ca(HCO_3)_2$</div> <table><tr><th>Type of Atom</th><th># of Atoms</th></tr><tr><td></td><td></td></tr></table>	Type of Atom	# of Atoms				
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<div>13. $(NH_4)_2CO_3$</div> <table><tr><th>Type of Atom</th><th># of Atoms</th></tr><tr><td></td><td></td></tr></table>	Type of Atom	# of Atoms			<div>14. $Al_2(SO_4)_3$</div> <table><tr><th>Type of Atom</th><th># of Atoms</th></tr><tr><td></td><td></td></tr></table>	Type of Atom	# of Atoms			<div>15. $Mg_3(PO_4)_2$</div> <table><tr><th>Type of Atom</th><th># of Atoms</th></tr><tr><td></td><td></td></tr></table>	Type of Atom	# of Atoms				
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