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<table border="1"> <tr><td></td><td>E</td><td>A</td><td>C</td><td>H</td></tr> <tr><td>E</td><td>A</td><td>E</td><td>H</td><td>C</td></tr> <tr><td>A</td><td>E</td><td>A</td><td>C</td><td>H</td></tr> <tr><td>C</td><td>H</td><td>C</td><td>A</td><td>E</td></tr> <tr><td>H</td><td>C</td><td>H</td><td>E</td><td>A</td></tr> </table>		E	A	C	H	E	A	E	H	C	A	E	A	C	H	C	H	C	A	E	H	C	H	E	A	<p>1. Is this operation commutative?</p> <p>2. Name the identity element, or explain why none exists.</p> <p>3. For each element having an inverse, name the element and its inverse.</p> <p>4. True or false: $E \text{ (smiling face with money)} (A \text{ (smiling face with money)} H) = (C \text{ (smiling face with money)} H) \text{ (smiling face with money)} H$</p>
	E	A	C	H																						
E	A	E	H	C																						
A	E	A	C	H																						
C	H	C	A	E																						
H	C	H	E	A																						
<table border="1"> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> </table>																										<p>5. Is this operation commutative?</p> <p>6. Name the identity element, or explain why none exists.</p> <p>7. For each element having an inverse, name the element and its inverse.</p> <p>8. True or false: $(\text{man globe woman}) \text{ globe woman} = (\text{woman globe woman}) \text{ globe man}$</p>
																										
																										
																										
																										
																										
<table border="1"> <tr><td></td><td>G</td><td>I</td><td>F</td><td>T</td></tr> <tr><td>G</td><td>T</td><td>F</td><td>I</td><td>G</td></tr> <tr><td>I</td><td>F</td><td>G</td><td>T</td><td>I</td></tr> <tr><td>F</td><td>I</td><td>T</td><td>G</td><td>F</td></tr> <tr><td>T</td><td>G</td><td>I</td><td>F</td><td>T</td></tr> </table>		G	I	F	T	G	T	F	I	G	I	F	G	T	I	F	I	T	G	F	T	G	I	F	T	<p>9. Is this operation commutative?</p> <p>10. Name the identity element, or explain why none exists.</p> <p>11. For each element having an inverse, name the element and its inverse.</p> <p>12. True or false: $(G \text{ (gift)} I) \text{ (gift)} F = (I \text{ (gift)} T) \text{ (gift)} G$</p>
	G	I	F	T																						
G	T	F	I	G																						
I	F	G	T	I																						
F	I	T	G	F																						
T	G	I	F	T																						

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%