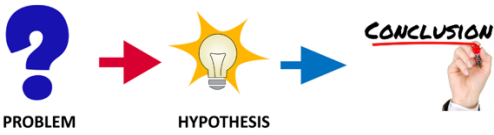





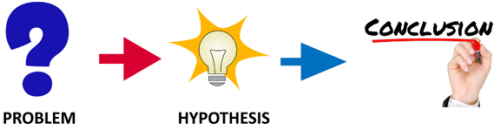



# Writing Up an Investigation Vocabulary Worksheet – Teacher Edition

Based on the given diagrams, define each of the following terms.

Diagram	Term	Definition																													
$\frac{T1 + T2 + T3}{3} = \text{Average}$	Average																														
	Conclusion																														
<table border="1" data-bbox="188 716 638 997"> <thead> <tr> <th rowspan="2">Temperature of Acid (°C)</th> <th colspan="4">Time for magnesium ribbon to disappear (s)</th> </tr> <tr> <th>Test 1</th> <th>Test 2</th> <th>Test 3</th> <th>Average</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>136</td> <td>187</td> <td>152</td> <td>158</td> </tr> <tr> <td>30</td> <td>143</td> <td>133</td> <td>150</td> <td>142</td> </tr> <tr> <td>40</td> <td>105</td> <td>158</td> <td>127</td> <td>130</td> </tr> <tr> <td>50</td> <td>97</td> <td>113</td> <td>99</td> <td>103</td> </tr> </tbody> </table>	Temperature of Acid (°C)	Time for magnesium ribbon to disappear (s)				Test 1	Test 2	Test 3	Average	20	136	187	152	158	30	143	133	150	142	40	105	158	127	130	50	97	113	99	103	Data	
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Diagram	Term	Definition																													
$\frac{T1 + T2 + T3}{3} = \text{Average}$	Average	The result obtained after adding two or more numbers together and dividing the total by the number of numbers you added together.																													
	Conclusion	The final claim of scientist made upon analyzing the experimental data. It supports the hypothesis.																													
<table border="1" data-bbox="188 741 638 1026"> <thead> <tr> <th rowspan="2">Temperature of Acid (°C)</th> <th colspan="4">Time for magnesium ribbon to disappear (s)</th> </tr> <tr> <th>Test 1</th> <th>Test 2</th> <th>Test 3</th> <th>Average</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>136</td> <td>187</td> <td>152</td> <td>158</td> </tr> <tr> <td>30</td> <td>143</td> <td>133</td> <td>150</td> <td>142</td> </tr> <tr> <td>40</td> <td>105</td> <td>158</td> <td>127</td> <td>130</td> </tr> <tr> <td>50</td> <td>97</td> <td>113</td> <td>99</td> <td>103</td> </tr> </tbody> </table>	Temperature of Acid (°C)	Time for magnesium ribbon to disappear (s)				Test 1	Test 2	Test 3	Average	20	136	187	152	158	30	143	133	150	142	40	105	158	127	130	50	97	113	99	103	Data	Information such as observations and measurements collected from the experiment.
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	Evaluation	The discussion of the limitations, sources of errors, and improvement of the investigation.																													
	Interpretation	The logical explanation of data collected in an experiment.																													
	Outlier	A data that differs dramatically from others.																													