

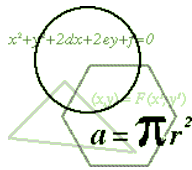




# Academic Language for Math

**DRAFT**

Language Functions	Sentence Frames
<p> <b>Apply</b>  <b>Determine</b>  <b>Estimate</b>  <b>Formulate</b>  <b>Simplify</b>  <b>Solve</b>  <b>Verify</b> </p> 	<ul style="list-style-type: none"> <li>• The _____ property applies to _____.</li> <li>• To solve _____, apply _____.</li> <li>• To solve for _____, first _____, and then _____.</li> <li>• Apply the _____ to _____.</li> <li>• To determine the _____, use _____.</li> <li>• To verify _____, use _____.</li> <li>• To simplify the expression, _____.</li> <li>• _____ is equivalent to _____.</li> <li>• Estimate _____ by _____.</li> <li>• The rules for _____ are _____.</li> </ul>
<p> <b>Demonstrate</b>  <b>Represent</b>  <b>Display</b>  <b>Graph</b>  <b>Construct</b> </p> 	<ul style="list-style-type: none"> <li>• The results can be displayed on a _____ graph.</li> <li>• The best way to display _____ is on a _____.</li> <li>• I would use a _____ to display the data.</li> <li>• _____ represents the _____.</li> <li>• The set of data is represented by _____.</li> <li>• I would record _____ on the x-axis and _____ on the y-axis.</li> <li>• The graph/chart/table shows _____.</li> <li>• The graph depicts/ illustrates _____.</li> <li>• According to the graph, _____.</li> <li>• Using the information, we can construct/create _____.</li> </ul>

Language Functions	Sentence Frames
<p><b>Generalize</b>  <b>Interpret</b>  <b>Infer</b>  <b>Predict</b>  <b>Relate</b></p> 	<ul style="list-style-type: none"> <li>Based on _____, we can generalize/infer/predict that _____.</li> <li>Because of _____, I think _____.</li> <li>_____ is greater than _____.</li> <li>_____ is less than _____.</li> <li>If _____, then _____.</li> <li>When _____ (increases/decreases), then _____ (increases/decreases).</li> <li>The relationship between _____ and _____ is _____.</li> </ul>
<p><b>Compare</b>  <b>Contrast</b></p> 	<ul style="list-style-type: none"> <li>_____ and _____ are similar because _____.</li> <li>_____ and _____ are different because _____.</li> <li>The differences between _____ and _____ are _____.</li> <li>The similarities between _____ and _____ are _____.</li> <li>_____ is like _____, whereas _____ is like _____.</li> <li>_____ is _____; on the other hand _____ is _____.</li> <li>_____ is (like/unlike) _____ because _____.</li> <li>_____ is _____; in contrast, _____ is _____.</li> <li>The similarities/differences are _____.</li> <li>The advantages/disadvantages of _____ are _____.</li> <li>The pros/cons of _____ are _____.</li> </ul>
<p><b>Identify</b>  <b>Recognize</b>  <b>Explain</b>  <b>Describe</b>  <b>Examine</b>  <b>Evaluate</b>  <b>Analyze</b></p> 	<ul style="list-style-type: none"> <li>The solution is _____ because _____.</li> <li>To solve _____, use _____ because _____.</li> <li>The result of _____ is _____.</li> <li>The effect of _____ is _____.</li> <li>The impact of _____ is _____.</li> <li>The cause of _____ is _____.</li> <li>The reasons for doing it this way are _____.</li> <li>The relationship between _____ and _____ is _____.</li> <li>The process of _____ is _____.</li> <li>The function of _____ is _____.</li> </ul>