

Worksheet tasks*

Levels:	1	2	3	4	Score
Criteria:					
Analysis / Reasoning from activity to science concept	Shows little to no understanding of either the pattern or relationship. Not able to explain the response they have given.	Shows some understanding of the pattern or relationship. Some irrelevant details in explanation.	Short but complete answer that shows an understanding of pattern or relationship.	Can demonstrate a full understanding of the pattern or relationships among the numbers and concepts. Explanation is detailed and organized and indicates logical thinking.	
Use of Math Operations	Does not demonstrate understanding of addition/ subtraction/ multiplication/ division. Difficulty solving multiple-step problems since unsure what operation to use.	Some understanding of addition/ subtraction/ multiplication/ division. Not fully clear about what operation to apply in multiple-step problems.	Understanding of addition/ subtraction/ multiplication/ division. Generally able to determine which operation to use in a multiple-step problem.	Can appropriately relate the correct operation of addition/ subtraction/ multiplication/ division to a specific situation. Great style of solving multiple-step problems with no computational errors.	
Clarity of presentation	No apparent logical order of presentation, unclear focus	Content is loosely connected, logical reasoning is entirely clearly presented.	Sequence of information is well-organized for the most part, but more clarity is needed about the logical reasoning to arrive at the conclusions presented.	Development of main point and logical reasoning is clear through use of appropriate examples; transitions are clear and create a succinct and even flow	
Content	Thesis is unclear and information appears randomly chosen	Thesis is clear, but supporting information is disconnected	Information relates to a clear thesis; many relevant points, but they are somewhat unstructured	Exceptional use of material that clearly relates to a focused thesis; abundance of various supporting examples	