| **QUESTION with SOL** | **HIGH or LOW?** |
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| 1. **SOL 8.6a**   Your job is to design plastic containers for ice cream sprinkles. Design and sketch containers in the shape of a rectangular prism and a right circular cylinder. Each must fit on a shelf space that is 12 cm tall, 6 cm wide and 6 cm deep. Sketch each and label with dimensions. Explain which container will hold the most sprinkles for the given shelf space.  Which container design would save money by using less plastic? Explain your reasoning. |  |
| 1. **SOL AII.5**   word problem |  |
| 1. **SOL 6.11a**     This line plot shows the number of letters in the names of 7 students.  line plot  What is the balance point for this set of data? |  |
| 1. **SOL A.2a**   question 4 |  |
| 1. **SOL 7.1a**   Graph the following products on a number line.  list of products  What do you notice as you graph these products? List three true statements about your graph. |  |
| 1. **SOL 8.16d**   Complete a table of values for the following linear function.   | *x* | 0 | 0 | 0 | 0 | 0 | | --- | --- | --- | --- | --- | --- | | *y* | 0 | 0 | 0 | 0 | 0 |   graph |  |
| 1. **SOL A.1b**   value of expression question |  |
| 1. **SOL 7.11**   If , what is the value of this expression? |  |
| 1. **SOL A.4e**   #9 problem  **A**  **B**  **C**  **D** |  |
| 1. **SOL G.4**   graphic of question 10 |  |
| 1. **SOL 8.11a**   A jar contains these pens that are all the same size and shape.   * 4 red pens * 3 green pens * 5 blue pens * 4 black pens   One pen is randomly selected from the jar. After replacing the first pen, a second pen is randomly selected. Determine whether the selection of the second pen is an independent or dependent event. Justify your answer. |  |
| 1. **SOL G.3b**   Given the following coordinates for points *A*, *B*, and *C*, determine 3 different coordinates for point *D* that would make and perpendicular.  ***A*** (-2, -5) ***B***(-3, 7) ***C***(3, 8) |  |

| Characteristics of High Level Tasks: |
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| Characteristics of Low Level Tasks: |