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|  | **Problem 1** | Problem 2 | Gridded Response |
| **Monday** | Describe the graph below as increasing or decreasing, linear or non-linear from  x = -2 to x = 2. Decreasing and nonlinear.  http://upload.wikimedia.org/wikipedia/commons/d/d1/Cubicpoly.png | On a coordinate plane, find the distance between the points (-2, -2) and (4, 6) using the Pythagorean Theorem.  10 units | ***Problem 2***  Grade 6 Math Grid.png |
| **Tuesday** | If the area of a square is , find the perimeter of the square?  units | Find the product of the least value and greatest value in the list of numbers below. Write your answer in scientific notation.  2.2 x 10-3  2.4 x 10-2  3.1 x 10-1  2 x 10-3  (2x 10-3)(3.1 x 10-1) = (6.2 x 10-4) | ***Problem 1***  Grade 6 Math Grid.png |
| **Wednesday** | Find the slope of the line that goes through points (-2, 2) and (4, -1).  -1/2 | If the volume of a cylindrical can is 226.09 in2 and the height of the can is 8 inches, find the radius of the can.  3 inches | ***Problem 2***  Grade 6 Math Grid.png |
| **Thursday** | Find the difference in slopes of the two lines described below.  Line 1: y = -2x + 1  Line 2: goes through points (0, 5) and (2, 6)  or | Sketch a graph of the following situation. Susan drives to the local coffee shop. She goes in to order a White Chocolate Mocha. She then drives to work at a faster pace. She has to stop at one stoplight and then continues her drive to work.  Answer will vary. Sketch should show an increasing interval, a horizontal line, increasing interval with steeper slope then first increase, a horizontal line, then a final increasing interval. | ***Problem 1*** |
| **Friday** | Solve for x:  x = 512 | Write an equation in slope intercept form of a line that passes through the points (-5, 3) and (5, 7).  y = 2/5x + 5 | ***Problem 1***  Grade 6 Math Grid.png |

