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|  | **Problem 1** | Problem 2 | Gridded Response |
| **Monday** | The scatterplot below shows the correlation between the weight of dogs and how long they took to complete an obstacle course. Poppy, the beagle, took 45 seconds to complete the course. About how much does she weigh?  | Solve for x.x2 = 196 | ***Problem 1***Grade 6 Math Grid.png |
| **Tuesday** | The length of a rectangle is one more than twice the width. The perimeter of the rectangle is 50 inches. Find the length of the rectangle.  | Find the sum of x and y.  $y=2x-10$ $$ 4x+3y=10$$ | ***Problem 2***Grade 6 Math Grid.png |
| **Wednesday** | Is the graph below a function?  | What is the distance between the y-intercepts of the linear functions $y=\frac{5}{4}x-5 $and $5x+7y=28$ | Grade 6 Math Grid.png***Problem 2*** |
| **Thursday** | What is the measure of angle 5 if the measure of angle 2 is 37º and the measure of angle 3 is 72º? 8g 5 4 | The mass of a dust particle is 0.000000000753 kg. Write this value in scientific notation.  | ***Problem 1*** Grade 6 Math Grid.png |
| **Friday** | Three identical tennis balls, with a diameter of 8 centimeters are stacked in a cylindrical container. Find the volume of the container to the nearest cubic centimeter.  | John collected data during the month of December comparing the temperature outside and the number of his classmate wearing gloves. What type of correlation describes the relationship between these two data sets? | Grade 6 Math Grid.png***Problem 1*** |

<http://examples.yourdictionary.com/scientific-notation-examples.html>

*Questions adapted from Score21 and SchoolNet*