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|  | **Problem 1** | Problem 2 | Gridded Response |
| **Monday** | What is the domain and range of the line segment on the coordinate plane below?  C:\Users\hmilligan\Desktop\Q3W2#1 range.JPG | Lucy’s grade for her CC1 class will be the average of her Unit 1 and 2 tests and her Unit 3 project. If she got a 91 on Unit 1 and an 88 on her unit 2 test, what must she score on her project to earn a 90 average? | ***Problem 2***  Grade 6 Math Grid.png |
| **Tuesday** | The pressure of a gas varies directly as the temperature of the gas increases. If the pressure is 12.5ATM at a temperature of 250K, what is the pressure at a temperature of 350K? | Using the ordered pairs in the box below, write an equation to represent the relation.  (-1, 8), (-4, -4), (-2, 4) | ***Problem 1***  Grade 6 Math Grid.png |
| **Wednesday** | An airplane is 40,000 ft. above the ground when it begins descending at a rate of 1700 ft. per minute. Assuming the plane continues at the same rate of descent, what is the elevation of the plane after 15 minutes? | http://www.ontrack-media.net/algebra1/a1m4l7image5.jpgWhat does the y-intercept of the graph represent? | ***Problem 1***  Grade 6 Math Grid.png |
| **Thursday** | A family will travel 180 miles from their house in Raleigh in order to reach Myrtle Beach. Write an inequality that can be used to find all possible values of *t,* the time it will take this family to reach the beach in hours, if they travel at an average speed of at least *r* miles per hour? | The softball coach, Ms. Argese, graphs some data comparing the times at bat vs. the number of hits for her players. She finds the line of best fit to be  y = 0.35x – 22.34 when x is the number of times at bat and y is the number of hits. How many hits should she expect from a player who comes up to bat 110 times? Round answer to nearest whole number if necessary. | ***Problem 2*** |
| **Friday** | Find three consecutive odd integers such that the sum of the 2nd and 3rd integer is 4 times the 1st. | What is the value of f(-6) when ? | ***Problem 2*** |

*Questions adapted from Score21 and SchoolNet* 