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|  | **Problem 1** | Problem 2 | Gridded Response |
| **Monday** | Find the value of x.  | A triangle has side measurements of 15 cm, 20cm, and 25 cm. Is the triangle a right triangle?  | ***Problem 1***Grade 6 Math Grid.png |
| **Tuesday** | Sarah graphed the points (-4, 8), (-2, 5), (-1, 6), and (-2, 3). Is this a function? | What is the rate of change of the table below?  | ***Problem 2***Grade 6 Math Grid.png |
| **Wednesday** | Hunter is filling his swimming pool with water. Write a description of what is happening in the graph below.  | A cone has a radius of 10 inches and a height of 20 inches. Find the approximate volume of the cone to the nearest tenth. Use 3.14 for π.  | ***Problem 2***Grade 6 Math Grid.png |
| **Thursday** | Andy wants to purchase a car that has the best gas millage rate. * Car 1 has gas mileage that can be described as y = 18x, where x is the number of gallon of gas used and y is the total miles driven.
* Car 2 has he gas mileage rate displayed in the table below.

Which car should Andy buy? How many more miles per gallon can he drive with this car? | Approximate the value of $-\sqrt{32} $to the nearest hundredth.  | ***Problem 2*** |
| **Friday** | The length of a rectangle is 5 centimeters less than twice the width. The perimeter of the rectangle is 26 cm. What are the dimensions of the rectangle? | Using the equation $$\frac{4^{x}}{4^{y}}=\frac{1}{4^{6}}$$find the value of x if y = 12.  | ***Problem 2***Grade 6 Math Grid.png |

