|  |  |  |  |
| --- | --- | --- | --- |
|  | **Problem 1** | Problem 2 | Gridded Response |
| **Monday** | Is the graph below an example of a function? Explain. | A table of x and y values is shown. Using the function, y = (-$\frac{2}{3}$)x + 7, what value will correctly complete the table?

|  |  |
| --- | --- |
| **x** | **y** |
| -6 | 11 |
| -3 | 9 |
| 9 |  |
| 12 | -1 |

 | ***Problem 2***Grade 6 Math Grid.png |
| **Tuesday** | The formula for the volume of a sphere is $V=\frac{4}{3}πr^{3}$. What is the volume, to the nearest hundredth, of a sphere with a radius of 3in? | Is the graph below an example of a function? Explain.**.**  | ***Problem 1***Grade 6 Math Grid.png |
| **Wednesday****\*Challenge☺** | \*The diagonal of a square is 40 cm. What is the approximate side of the square? Round to the nearest tenth if necessary. | sidequad.gifIs the graph below an example of a function? Explain. | ***Problem 1***Grade 6 Math Grid.png |
| **Thursday** | https://dr282zn36sxxg.cloudfront.net/datastreams/f-d%3A679c235841b4c2496755491bef4cd30cb0c65ff2512d01510bb0b1c6%2BIMAGE%2BIMAGE.1Is the graph below an example of a function? Explain. | A function is given in the box. $$f\left(x\right)= \frac{5}{8}x- \frac{1}{3}$$What is the value of the function for f(-6)? Write the answer as an improper fraction in lowest terms if necessary.  | ***Problem 2***  |
| **Friday** |  List the graphs in order from the largest standard deviation to smallest. Graph CGraph BGraph A | On the coordinate grid, what is the distance between (2,5) and (-3, 4)? Round to the nearest tenth if necessary.  | ***Problem 2*** |

*Questions adapted from Score21 and SchoolNet* 