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|  | **Problem 1** | Problem 2 | Gridded Response |
| **Monday** | The largest elephant on record weighed 2.4 x 104 pounds. If we put this elephant on a diet, he would lose 1 x 102 pounds per month, how much would the elephant weigh at the end of one year?  | Find the product of the integers between $-\sqrt{20 } $and$-\sqrt{52}$.  | ***Problem 2***Grade 6 Math Grid.png |
| **Tuesday** | A square has an area of $\frac{49}{81} inches^{2}. $In inches, what is the length of each side of the square?  | Order the following values from greatest to least. $$\sqrt{7}$$$$2.4$$$$π$$$$\frac{45}{15}$$ | ***Problem 1***Grade 6 Math Grid.png |
| **Wednesday** | Using the equation $$\frac{7^{x}}{7^{y}}=\frac{1}{7^{3}}$$find the value of x if y = 12.  | Michael is shopping for cubic toy chests. One chest has a volume of 216 cubic feet. Another chest has a volume of 125 cubic feet. What is the difference in the side lengths of the two chests?  | ***Problem 1*** Grade 6 Math Grid.png |
| **Thursday** | Circle the irrational values.$$\sqrt{\frac{1}{4}}$$$$\sqrt{2}$$$$\sqrt[3]{12}$$$$0.1\overbar{6}$$ | Find the value of $$0.5\overbar{6 }∙5\frac{5}{17}$$ | ***Problem 2*** Grade 6 Math Grid.png |
| **Friday** | Find the value of x. $$x^{3}=\frac{27}{216}$$ | A piece of construction paper has a thickness of 4.3 x 10-3 inches. A piece of cardstock has thickness of 5.2 x 10-3 inches. How tall is a stack of 10 sheets of construction paper and 15 sheets of cardstock? Write your answer in scientific notation.  | Grade 6 Math Grid.png***Problem 1***  |

[*http://animals.sandiegozoo.org/animals/elephant*](http://animals.sandiegozoo.org/animals/elephant)

*Questions adapted from Score21 and SchoolNet*