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|  | **Problem 1** | Problem 2 | Gridded Response |
| **Monday** | What is the value of the expression?$$\frac{3^{-3}}{3^{-7}}∙3^{-1}$$27 | The length of one side of a triangle is $4\sqrt{6.}$ Is the length rational or irrational? Explain your answer. Irrational, because 6 is not a perfect square. | ***Problem 1***Grade 6 Math Grid.png |
| **Tuesday** | Find the product of 0.04 x 90,000,000 x 0.02. Write your answer in scientific notation.7.2 x 104  | A rectangle has a perimeter of 44 inches. The length of the rectangle is four more than two times the width. What is the area of the rectangle? 96 inches2 | ***Problem 2***Grade 6 Math Grid.png |
| **Wednesday** | A gym membership charges an initial fee of $105 plus a $25 fee every month. Another gym only charges $60 every month. After how many months will the total cost for both gyms be the same?3 months | The number of fish in Lake Jordan is about 3.4 × 107. The number of fish in Falls Lake is about 8 × 104. How many fish are in the lakes altogether?3.408 x 107 fish | ***Problem 1***Grade 6 Math Grid.png |
| **Thursday** | Simplify $$0.\overbar{21}∙\frac{4}{7}$$$$\frac{4}{33}$$ | Find the value of x. Write your answer in simplest form. $$x^{2}=\frac{36}{196}$$$$\pm \frac{3}{7}$$ | ***Problem 1*** |
| **Friday** | Lines x and y are parallel. The measure of angle 1 is 4x - 8 and the measure of angle 8 is 2x + 16. Find the value of x. x = 12 | Mia is planting flowers in her yard. She buys 18 pansies and 15 mums, which cost a total of $120. If mums cost two times as much as pansies, how much does each type of flower cost? Pansy: $2.50Mum: $5.00 | ***Problem 1*** |

