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|  | **Problem 1** | Problem 2 | Gridded Response |
| **Monday** | Solve for z. $$\frac{2z-4}{-6}=23$$ | Circle the integers. If it is not an integer, explain why. $$-\sqrt{17}$$$$\frac{7π}{π}$$$$\sqrt[3]{-216}$$$$2.̿$$ | ***Problem 1***Grade 6 Math Grid.png |
| **Tuesday** | On a number line, Point X represents $-2\sqrt{36+64.}$ Point Y represents $\sqrt[3]{27}+10. $What is the distance between the two points? | In the figure below, lines m and n are parallel. The measure of angle 1 is 57o and the measure of angle 2 is 48o. Find the measure of angles 3, 4, and 5.  | ***Problem 1***Grade 6 Math Grid.png |
| **Wednesday** | Allen wants to join a gym. Gym A charges a $50.00 membership fee and $10 per month. Gym B does not charge a membership fee, but charges $25.00 per month. If Allen plans to join the gym for 4 months during the winter, which gym should he choose? | Solve for x. $$\frac{2}{5}\left(10x-15\right)=10x+10$$ | ***Problem 2***Grade 6 Math Grid.png |
| **Thursday** | Tommy works as an electrician. He charges $40.00 flat fee a service call and $32.50 for each hour of labor. Tommy was paid $170.00 for his last job. How many hours did Tommy work on his last job? | Simplify $$\frac{2a(3a^{3}b^{-2})^{4}}{(9ab)^{2}}$$ | ***Problem 1*** |
| **Friday** | Sean bought 64 bags of dirt to completely fill a cube-shaped flower garden. Each bag fills one cubic foot in the flower garden. What is the length, in feet, of one of the sides of the flower garden? | Find the measures of each angle. Measure of Angle A = \_\_\_\_\_Measure of Angle B = \_\_\_\_\_Measure of Angle C = \_\_\_\_\_ | ***Problem 1***  |

*Questions adapted from Score21 and SchoolNet* 