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|  | **Problem 1** | Problem 2 | Gridded Response |
| **Monday** | Solve for x. $$\frac{-2x-8}{4}=-7$$x = 10 | Circle the integers. If it is not an integer, explain why. $$-\sqrt{49}$$$\frac{5}{π}$ *Irrational*$$\sqrt[3]{-125}$$$8.\overbar{152}$ Decimal | ***Problem 1***Grade 6 Math Grid.png |
| **Tuesday** | On a number line, Point X represents $-3\sqrt{25+24.}$ Point Y represents $\sqrt[3]{64}+2^{2}. $What is the distance between the two points?29 units | In the figure below, lines a and b are parallel. The measure of angle 5 is 75o and the measure of angle 8 is 45o. Find the measure of angles 3. m<3 = 60 degrees http://media.wiley.com/Lux/43/270043.image0.jpg | ***Problem 1***Grade 6 Math Grid.png |
| **Wednesday** | Michael wants to join a gym. Gym A charges a $40.00 membership fee and $15 per month. Gym B does not charge a membership fee, but charges $25.00 per month. If Michael plans to join the gym for 6 months, which gym should he choose?Gym A  | Solve for x. $$\frac{3}{4}\left(12x-20\right)=5x+17$$$$x= 8$$ | ***Problem 2***Grade 6 Math Grid.png |
| **Thursday** | Don works as a plumber. He charges $75.00 flat fee for a service call and $22.50 for each hour of labor. Don was paid $187.50 for his last job. How many hours did Don work on his last job?5 hours | Simplify $$\frac{4a(2a^{-4}b^{3})^{2}}{(6a^{2}b)^{3}}$$$$\frac{2b^{3}}{27a^{14}}$$ | ***Problem 1*** |
| **Friday** | Juan bought 27 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?x = 3 feet  | Find the measures of each angle. 30x - 5 A C 9x - 1  B 6x + 6 Measure of Angle A = 115oMeasure of Angle B = 30 oMeasure of Angle C = 35 o | ***Problem 1***  |

