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|  | **Problem 1** | Problem 2 | Gridded Response |
| **Monday** | Determine if a triangle with side lengths 7.5 units, 10 units, and 12.5 units is a right triangle. | Find the value of x?  45 67 x  | ***Problem 2***Grade 6 Math Grid.png |
| **Tuesday** | Solve for x. $$-3\left(x+6\right)-5x= -9x-18+x$$ | Gracie would like a water bottle that holds at least 450 cubic inches of water. She finds a cylindrical water bottle with a radius of 5 inches and a height of 6 inches. Will this hold enough water?  | ***Problem 2* (How much does bottle hold)**Grade 6 Math Grid.png |
| **Wednesday** | Angle 1 and Angle 2 are a linear pair. If Angle 1 had has a measure of 5x + 1 and Angle 2 has a measure of x – 1, find the value of x.  | Plot $-\sqrt{3}$ on the number line below. | ***Problem 1***Grade 6 Math Grid.png |
| **Thursday** | Anisha is cleaning the outside of her bedroom window. She leans her 25 foot ladder against her house. The base of the ladder is 7 feet from the house. How high up is Anisha’s bedroom window?  | Order the numbers below from least to greatest. $9.1$*,* $4π$*,* $\sqrt{144}$*,* $\frac{38}{4}$ | ***Problem 1*** |
| **Friday** | A small box of rice has 5.6 x 104 pieces of rice. If the larger box has 20 times more pieces of rice, how many pieces does it hold? Write your answer in scientific notation.  | Movie time sells their popcorn in cone shaped containers. How much popcorn will their small container hold if it has a height of 10.4 inches and a radius of 4 inches? Round to the nearest whole number.  | ***Problem 2***Grade 6 Math Grid.png |

