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|  | **Problem 1** | Problem 2 | Gridded Response |
| **Monday** | The area of a square is 30 inches. Would the side length of this square be rational or irrational? | Alice received $150 for his birthday. She then saved $20 per week until she had a total of $390 to buy a new cell phone. Write and solve an equation to show how many weeks it took her to save the money. | ***Problem 2***  Grade 6 Math Grid.png |
| **Tuesday** | A utility pole has a 50ft. cable stretched from the top to an anchor point on the ground 30 ft. from the base of the pole. How tall is utility pole? | Use the graph to find the solution of the system of equations.  *y* = 2*x* – 2  *y* = + 7  [image] | ***Problem 1***  Grade 6 Math Grid.png |
| **Wednesday** | What type of correlation would you expect between the cost of a gym membership and the number of new memberships sold? | Samuel bought three plastic cones with a diameter of 8 cm and a height of 5.5 cm. Find the volume of the three cones to the nearest cubic centimeter.  [image] | ***Problem 2***  Grade 6 Math Grid.png |
| **Thursday** | The growing rate of a sunflower at Store A can be described as  The growing rate of a sunflower at Store B is given in the table.   |  |  | | --- | --- | | Days | Height(in) | | 0 | 10 | | 1 | 13 | | 2 | 16 | | 3 | 19 |   Which slower would you buy if you want to buy the fastest growing sunflower? | The points (–4,–2) and (–4, 5) are adjacent vertices of a rectangle. Two of the sides of the rectangle have a length of 5 units. What is the length of a diagonal of the rectangle? Round to the nearest tenth. | ***Problem 2*** |
| **Friday** | Find the sum of x and y.  y = 3x - 2  *2y* = 4*x* + 10 | Approximate to the nearest tenth. | ***Problem 1***  Grade 6 Math Grid.png |

