|  |  |  |  |
| --- | --- | --- | --- |
|  | **Problem 1** | Problem 2 | Gridded Response |
| **Monday** | The two triangles below are similar. Find the value of x. Write your answer as an improper fraction.  | A triangle is formed when arranging sides PR, RS, and SP below. The area of square OPRQ is 144 square units. The length of side RS is 13 units. How long much side SP be for this triangle to be a right triangle?  | ***Problem 1***Grade 6 Math Grid.png |
| **Tuesday** | Solve for x. Write your answer as a fraction.$$6x= \frac{8x-12}{4}$$ | Find the value x and the measure of Angle JKL. | ***Problem 1***Grade 6 Math Grid.png |
| **Wednesday** | Charles is in a hot air balloon that has risen straight up from the launch point. Matthew is standing on the ground, 7 meters from the launch point. If Charles and Matthew are 25 meters apart, how high has the balloon risen? | A wooden figurine of an ice cream treat is made of a cone with hemisphere on top. The cone and sphere have a radius of 2 inches. The height of the cone is 5 inches. What is the volume of the wooden ice cream treat? Round to the nearest hundredth.  | ***Problem 1***Grade 6 Math Grid.png |
| **Thursday** | Convert $5.2\overbar{7 }$to a fraction reduced to simplest form. Write your answer as an improper fraction. | Find the area of the triangle below to the nearest tenth. | ***Problem 1*** Grade 6 Math Grid.png |
| **Friday** | Find the distance between the fire station and the police department.  | Sarah is moving into college. She has a cube box that will hold 8 cubic feet of her things. What is the area of one side of the cube?  | Grade 6 Math Grid.png***Problem 1*** |