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|  | **Problem 1** | Problem 2 | Gridded Response |
| **Monday** | The surface area of a cube is 96 in2. What is the volume of the cube? | Natasha stands 5.5 feet tall and has a shadow that measures 3 feet long. At the same time, a tree next to Natasha has a shadow that measures 12 feet long. How tall is the tree? | **Problem 1**  Grade 6 Math Grid.png |
| **Tuesday** | A company sells snack mix in a cylindrical can. The can has a 5-inch diameter and holds approximately 157 in3 of snack mix when it is completely full. How tall, to the nearest inch, is the can? | Huong covered the box below with sticky-backed decorating paper. The paper costs 3¢ per square inch. How much money will Huong need to spend on paper? | **Problem 2**  Grade 6 Math Grid.png |
| **Wednesday** | Jack is making 4 cylindrical wax candles. If he plans to make candles with a diameter of 7 cm and a height of 12 cm, approximately how many cubic centimeters of wax will Jack need to make the candles? | If the volume of the triangular prism is 3,240 cm3, what is the height of the triangle? Explain. | **Problem 2**  Grade 6 Math Grid.png |
| **Thursday** | What is the volume of the cylinder? | A sphere is shown below.  32555  What is the approximate volume of the sphere? | **Problem 1** |
| **Friday** | What is the approximate volume of the cone below?  32560 | Danny needs to buy sand for this box. He wants to nearly fill the box, leaving only 6 inches empty at the top. How much sand does Danny need? | **Problem 2** |

 *Questions adapted from Score21 and SchoolNet*