|  |  |  |  |
| --- | --- | --- | --- |
|  | **Problem 1** | Problem 2 | Gridded Response |
| **Monday** | Santiago is making a model airplane. He is using the scale $\frac{1}{4}in. =2 feet.$ If the actual length of the plane’s wing is 58 feet; how long should the wing be in his model?$7\frac{1}{4}$ inches | Alyssa is making cakes. In 6 cakes she uses $10\frac{1}{2}cups$ of sugar. How much sugar is in one cake?$$\frac{7}{4}cups$$ | ***Problem 2***Grade 6 Math Grid.png |
| **Tuesday** | Solve for x. $$-9x-13=-103$$$$x=10$$ | Simplify$$-\left(6a-2b\right)-8\left(b+a\right)$$$$-14a-6b$$ | ***Problem 1***Grade 6 Math Grid.png |
| **Wednesday** | Arjun earned the following amounts the last three weeks. How much does Arjun earn per hour?

|  |  |
| --- | --- |
| Hours Worked (h) | Amount Earned (E) |
| 14 | $192.50 |
| 18 | $247.50 |
| 33 | $453.75 |

$13.75 | Diego is painting lines on a basketball court. What is the area inside the lines?Round your answer to the nearest hundredth. http://www.oldschool.com.sg/modpub/22528212843ba152976c0415 cm15 cm313.31 cm2 | Grade 6 Math Grid.png***Problem 1*** |
| **Thursday** | What is the area of the non-shaded area to the nearest hundredth?104.06 in222 in22 in | SuperSaver grocery store advertises a special on 2-liter bottles of soft drinks. The first bottle purchased is $1.25 and each bottle after that is $0.75. Write an expression that can be used to find the total cost. Find the total cost if you purchase 8 bottles. 1.25 + 0.75(x-1) $6.50 | ***Problem 2*** Grade 6 Math Grid.png |
| **Friday** | A cylinder is cut perpendicular to the base. What is the shape of the cross section? Rectangle | When Valerie planted a tree in her yard it was 12 inches tall. It grew at a rate of 1.5 inches per month. The tree is now 37.5 inches tall. How many months has it been since Valerie planted the tree?17 months | ***Problem 2*** |

