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|  | **Problem 1** | Problem 2 | Gridded Response |
| **Monday** | Find the mean absolute deviation of the following data set: 14.6, 24.2, 19.5, 17.8, 22.6, 21.3 | Solve.$$\frac{2}{3}\left(6x+9\right)= -5x+4$$ | **Problem 2**Grade 6 Math Grid.png |
| **Tuesday** | Between what two integers does the $\sqrt{7}$ fall? | Convert $0.58\overbar{3}$ to a fraction in simplest terms.  | **Problem 2**Grade 6 Math Grid.png |
| **Wednesday** | If a number cubed is 216, what is the number? Write an equation to solve for the number. | What is the highest integer solution for this inequality?$$5x-7< -3x+25 $$ | **Problem 1**Grade 6 Math Grid.png |
| **Thursday** | Using measures of center and variability discuss what the box plot shows about the age at death between women and men. | The students at a university were surveyed about their satisfaction with the dining hall food on a scale of one to ten, one being the lowest, and ten being the highest. The following box plot was used to show the information gathered. http://cmapp.wcpss.net/uploads/images/g7m/d130boxplot.jpgWhat was the lowest rating?What was the highest rating?Where did 50% of the data fall?What is the interquartile range?*Box plot taken from Connected Mathematics 2 Samples and Populations* | **Problem 2 - Highest Rating**Grade 6 Math Grid.png |
| **Friday** | Plains Middle School is considering the following location for a Grade 7 field trip: science museum, state park, or Ballet Company. The principal wants to survey a sample of students to find which location Grade 7 students would prefer. Do you think the following are good surveys? Why or why not? * 1. The principal surveys the members of the science club for the sample
	2. The principal surveys every tenth student to walk into the middle school on a given morning
	3. The principal surveys a group of randomly-selected Grade 7 girls
 | Find the slope of the line formed by (-4, 6) and (10, -1). | **Problem 2**Grade 6 Math Grid.png |

*Questions adapted from Score21 and SchoolNet*