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|  | **Problem 1** | Problem 2 | Gridded Response |
| **Monday** | Evaluate $$0.4\overbar{8}∙\frac{10}{33}$$ | Write a description describing the scenario graphed below.  | ***Problem 1***Grade 6 Math Grid.png |
| **Tuesday** | Given DEF with D(8, -4), E(-12, 4), and F(-16, -8). Find the coordinates of point E after a reflection over the x-axis, then a dilation of $\frac{1}{4}.$ | Rectangle LMNO was translated 4 units down and 5 units left. After the translation, N’ was at (-6, 5). What was the original x-coordinate of N?  | ***Problem 2***Grade 6 Math Grid.png |
| **Wednesday** | Nathaniel has a new basketball. The diameter of the basketball is 10 inches. What is the volume of the basketball to the nearest tenth of a cubic inch? Use 3.14 for π. | Which line is the steepest?$$6-5x=y$$$$4x+2y=8$$$$y=3x+10$$ | ***Problem 1***Grade 6 Math Grid.png |
| **Thursday** | Rectangle ABCD is dilated by a scale factor of $\frac{1}{2}$ to produce Rectangle A’B’C’D’. What will be the diagonal length of Rectangle A’B’C’D’? | Of the four linear functions represented below, which has the greatest rate of change?A. Simon texts 10 times per minutes. B. y = 12xC. D.  | ***Problem 1***Grade 6 Math Grid.png |
| **Friday** | Find the product of x and y in the system *y* = *x* – 5*y* = –3x + 3 | Solve for t.  | ***Problem 1***Grade 6 Math Grid.png |

*Questions adapted from Score21 and SchoolNet*