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|  | **Problem 1** | Problem 2 | Gridded Response |
| **Monday** | Solve for x. $$216x^{3}=27$$ | Write an expression, using multiplication, that is equal to $12x^{24}.$ | ***Problem 1***Grade 6 Math Grid.png |
| **Tuesday** | Solve for y. $$4x-5y= -75$$ | Simplify$$3\sqrt{\frac{16}{9}}-5$$ | ***Problem 2*** Grade 6 Math Grid.png |
| **Wednesday** | Triangle *ABC* is similar to triangle *DEF.** Triangle *ABC* is a right triangle.
* m<A = 4xo
* m<B = x + 5o
* m<C = 90o

What is the angle measure of the smallest angle of Triangle DEF?  | Solve for x. $$\frac{2}{3}\left(6x+12\right)+2x=-2x+8(x+1)$$ | ***Problem 1***Grade 6 Math Grid.png |
| **Thursday** | What are the two square roots of…$$\sqrt{-10+35}$$ | Emma received an iTunes gift card for her birthday. All the apps she wants to purchase are the same price. She can buy four apps and have three dollars left over or she can buy two apps and have eleven dollars remaining. How much is each app?  | ***Problem 2***  |
| **Friday** | Approximate $-\sqrt{132}$ to the nearest hundredth.  | Solve for b. $$a^{2}+b^{2}=c^{2}$$ | ***Problem***  |

*Questions adapted from Score21 and SchoolNet* 