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| **Week 15 Sixth Grade Math For Today Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | |
| **DAP.15.6.1**  **Interpreting Graphs-Stem and Leaf Plots** | | **NO.3.6.5**  **GCF/LCM** | **G.8.6.5**  **Similar Figures** |
| **M**  **O**  **N**  **D**  **A**  **Y** | Twenty-two teachers started an after-school fitness group to help them improve their health. They made a stem-and-leaf plot to show the number of pounds lost by each member of the group during the school year.  How many teachers lost more than 16 pounds? | What is the greatest common factor of:  6 and 12?  8 and 20?  12 and 60? | Which triangle in the drawing is similar to triangle C? |
| **T**  **U**  **E**  **S**  **D**  **A**  **Y** | Marci created the following stem-and-leaf plot  from this set of data:  Which piece of data did Marcy forget to plot? | 1. Find the prime factorization of 56.  2. Find the prime factorization of 72. | Which two shapes are similar, but not congruent? |

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| **Week 15 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | |
| **Sixth Grade Math For Today** | | | |
| **W**  **E**  **D**  **N**  **E**  **S**  **D**  **A**  **Y** | This stem-and-leaf plot reflects student scores on a recent quiz in Mrs. Kim's class.  What was the lowest score?  What was the highest score?  What is the **range** of the data?  What is the **mode** of the data? | 1. Use the expanded notations below to find  the least common multiple of 18 and 21.  18 = 2 × 3 × 3 21 = 3 × 7  2. Find the least common multiple of  9 and 21. | Which set below is always similar?  A. scalene triangles  B. rectangles  C. circles  D. ovals |
| **T**  **H**  **U**  **R**  **S**  **D**  **A**  **Y** | Each member of the soccer team recorded the number of crunches they could do in one minute and the data is listed below.  Create a stem-and-leaf plot of the date. Be sure to include a title and a key.  **12 29 26 19 38 9 35 39 27 29 20 19** | Use the tree diagram below to determine the least common multiple of 16 and 24. | ΔABC is similar to ΔXYZ. What is the measure of ∠ Z? |

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| **6th Grade Friday Math for Today – DAP.15.6.1, DAP.15.6.2** |

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| **MATHEMATICS OPEN-RESPONSE ITEM A**  **A.**  The following data show the pulse rates for 24 sixth-graders taken after three weeks of physical  education.  92 84 77 82 88 84 76 62 76 84 88 85 90 76 82 84 64 76 83 85 82 78 90 76  1. Make a stem-and-leaf plot of the data with a title and a key.   1. Determine the minimum, maximum and median pulse rates. Show your work and explain   your answer.  BE SURE TO LABEL YOUR RESPONSES 1 and 2. |