**Name: Weekly Math Homework – Q3:Wk1 Cohort: www.mrarchermath.weebly.com**

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| **Monday** | **Tuesday** | **Wednesday** | **Thursday** |
| 1.) Solve:  -2x – 6 = 30 | 5.) Solve:  ½ x + 11 = 21 | 9.) Solve:  -18 = -3x – 3 | 13.) Solve:  -2(x – 5) = -26 |
| 2.) If Tyree can run 4/5 of a mile in 2/3 of an hour, at this rate how far can he run in 2 hours? | 6.) A contractor uses a scale of 1.5 inches = 15 feet. If a wall measures 5 inches on the blueprint what is the actual length in feet of the wall in reality? | 10.) A printing machine can print 150 newspapers every 20 minutes. At this rate how long would it take to print 825 newspapers? | 14.) On a map two cities measure 4.5 cm apart. If the map uses a scale of 0.5 centimeter represents 100 kilometers, how far apart are the cities in reality? |
| 3.) Solve:  2n – 5 > 15 | 7.) Solve:  -6n + 4 < -32 | 11.) Solve:  17 < 5 – n | 15.) Solve:  -1 > 15 – 2n |
| 4.) What is the probability of flipping a coin and it landing on heads three consecutive times? | 8.) At a carnival game a spinner has the following colors: Red, Green, Orange, Blue, Purple, and Yellow. If a player must pick a random color to win, what is the probability of winning the game? | 12.) What is the probability of rolling a standard number cube twice and having it landing on an even number followed by rolling a five? | 16.) A bag contains 8 red marbles, 5 green marbles, and 2 blue marbles. What is the probability of randomly selecting a marble that is *not* blue? |