**Name: Weekly Math Homework – Q1:Wk3 Cohort: www.mrarchermath.weebly.com**

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| **Monday** | **Tuesday** | **Wednesday** | **Thursday** |
| 1.) Kyle can run ¾ miles in ½ hour. At this rate how long would it take him to run 1 mile? | 6.) Steph and John both walk dogs for extra money. John’s earnings and dogs walked is shown in the table.   |  |  | | --- | --- | | # Dogs | $ Earned | | 3 | $27 | | 6 | $54 | | 7.) Cam Newton attempted to rush 6 times on Sunday for 58 yards. How far did he run per rush attempt? | 12.) Simplify  52  + 2(25 ÷ 5) - 7 |
| 2.) At Walmart a 6-pack of Gatorade costs $7.59, at Target each Gatorade costs $1.25. Which store is cheaper per Gatorade and by how much? | -Steph made $8 for every dog she walked.  Who made more money if they walked 10 dogs and how much? | 8.) A cheetah can run 60 yards in 12 seconds. A jaguar can run 25 yards in 5.75 seconds. Which animal runs faster per second? | 13.) Mason is making a scale drawing of Eiffel Tower, if 1.5 centimeters represents 25 meters and the tower measures 324 meters how tall would it be on the drawing in centimeters? |
| 3.) On a map 1 inch represents 10 miles. How many miles would 5 ½ inches represent? | 7.) On a blueprint a building measures 1/2 foot tall, if the real building is increased by a scale of 18 what is its actual height? | 9.) Simplify  5(x + 2) + 2(y + 4) | 14.) Simlify  ½(2x + 4) + 2(4 + 3x) |
| 4.) Combine Like Terms  2x + 5 + 3x - 2 | 8.) Combine Like Terms  10y + 5x + 10 – 5 + y – 2x | 10.) A printer can print 120 pages per hour. At this rate how many hours would it take to print 750 pages? | 15.) If a car is traveling at a constant rate of 60 miles per hour, how long would it take to travel 480 miles? |
| 5.) To win a carnival game wheel game you must land on the color green. The wheel is split equally with 2 greens, 5 black, 4 red, and 5 yellow sections. What is the probability you win the game? | 6.) What is the probability of rolling a standard dice with the numbers 1-6, and it landing on an even number? | 11.) What is the probability of selecting the letter O in the word:  C O U L W O O D ? | 16.) A bag of marbles contains the following: 12 red, 4 blue, 6 yellow, a 1 green. What is the probability of selecting a marble and it not being green? |