**Name: Weekly Math Homework – Q2:Wk2 Cohort: www.mrarchermath.weebly.com**

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| **Tuesday** | **Wednesday** | **Thursday** |
| 1.) Mike can run 1/8 of a mile in 2/3 of an hour. At this rate how far could he travel in 2 hours? | 5.) A map uses a scale of 1.5 cm = 35 m. If two cities are 90 meters apart, how far are they in centimeters on the map? | 9.) To make 3 dozen cupcakes a recipe uses 1 ½ cups of sugar. How much sugar is needed per dozen? |
| 2.) A TV is on-sale for 35% off. If it originally costs $199, what is the sales price of the TV? | 6.) Andy and his 3 friends went out to lunch. Their order came to a total of $87.65 and wanted to leave an additional 18% tip. If they split the bill equally, how much will each person pay? | 10.) On Black Friday a store decided to mark-down all appliances 20%. If a refrigerator originally costs $850. After applying the discount, the customer is charged 7.5% sales tax. How much will the fridge cost after discount and taxes are applied? |
| 3.) The highest point of Hawaii’s tallest mountain measures 2,375 feet, the nearest trench in the Pacific Ocean measures 975 feet below sea level. What is the difference in their elevations? | 7.) Megan and her friend went to a show on Broadway in NYC. They spent a total of $200. Of that amount they used 15% on subway fees. They then got dinner at a local restaurant and spent $32. They used the remaining money on two tickets to the show. How much was each ticket? | 11.) A golf scored the following scores on the final six holes: -2, +1, +2 , -1, -1, +4. What was their score after six holes? |
| 4.) Combine like terms  -2n – 7 + 5n – 3n + 2 | 8.) Combine like terms  -3x + 11y + 1 – 3y + 5x - 9 | 12.) Simplify  -2(2x – 5) + 4(y – 2x) |