**Name: Weekly Math Homework – Q3:Wk3 Cohort: www.mrarchermath.weebly.com**

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| **Monday** | **Tuesday** | **Wednesday** | **Thursday** |
| 1.) Sam 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? | 13.) A blueprint uses a scale of ¼ inches represents 12 feet. If living room wall is 2 ½ inches on the blueprint how many feet is it in reality? |
| 2.) A triangle has two angles whose measures are 17 degrees and 85 degrees. What is the measurement of the third angle? | 6.) An Isosceles triangle has two congruent angles who measure 30 degrees. What is the measure of the third angle? | 10.) A Right Triangle has an angle measuring 60 degrees. What is the measure of the third angle? | 14.) Triangle ABC is an equilateral triangle. What is the measure of angle B? |
| 3.) Solve:  -2x + 7 = 19 | 7.) Solve:  -2(x + 3) = -16 | 11.) Solve:  5 - 2.5n = 22 | 15.) Solve:  2(3y – 9) = -12 |
| 4.) What is the probability of rolling a fair number cube and getting a number less than 2? | 8.) Combine like terms  -3x + 11y + 1 – 3y + 5x - 9 | 12.) If there are 12 marbles in a bag. Three are yellow, four are red, two are blue, and rest are green. What is the probability of randomly selecting a green marble? | 16.) Combine like terms  10n – 8b + 7n – 2n + n |