**Name: Weekly Math Homework – Q1:Wk2 Cohort: www.mrarchermath.weebly.com**

|  |  |  |
| --- | --- | --- |
| **Tuesday** | **Wednesday** | **Thursday** |
| 1.) Solve for x, round any decimal answers to the nearest tenth:$$\frac{2}{5}= \frac{x}{12}$$ | 6.) Mr. Archer can walk 5 miles in 2.5 hours. At this rate how far can he travel per hour? | 11.) Jackie rides her bike to school every day. She lives 3 miles from school and it takes her 20 minutes. Bryce lives 1.5 miles from school and takes him 12 minutes. Who gets to school quicker in terms of miles per minute? |
| 2.)$$ \frac{x}{6}= \frac{6}{2.5}$$ | 7.) Mr. Johnson can write 15 math problems per minute. At this rate how long would it take him to write 100 math problems? | 12.) Food Lion sells 4 bananas for $2.15, while Publix sells 6 bananas for $2.95. Which store is the better buy and how much would you save per banana? |
| 3.)$$\frac{15}{0.5}= \frac{x}{1.5}$$ | 8.) Mike is able to swim 12 laps in 8 minutes. At this rate how many laps does he do per minute? | 13.) Keith can run 2 ½ miles in ½ hour, how many hours would it take him to go 3 miles? |
| 4.)$$\frac{3}{8}= \frac{12}{x}$$ | 9.) Samantha can read 2.5 pages in a single minute, at this rate how many pages would she read in one hour? | 14.) If ½ gallon of paint is needed to cover ¼ of a wall, how many gallons of paint will be needed for 4 walls? |
| 5.)$$\frac{2.4}{12}= \frac{3.8}{x}$$ | 10.) A store charges $4.15 per pound of cherries. How much would it cost for a dozen pounds? | 15.) To bake 4 ½ dozen cupcakes a baker needs 6 cups of sugar. How many cups of sugar are needed ***per cupcake***? |