**Station #1 Baking Cookies**

If 6 people worked together to bake cookies. The recipe yields 42 cookies. It would only be fair if everyone received an equal share of cookies. How many cookies would each person receive? **Show your work!!!!**

**Station #2 Sharing Money**

Bobby has 3 one hundred dollar bills and needs to split it equally between four people. Bobby is at the bank, what type of bill should bobby ask for instead of one hundred dollar bills? How much would each person receive after splitting it equally?

**Station #3 Candy**

When shopping at the local grocery store, a 4 lbs bag of candy costs $32 and 3 lbs bag of candy costs $30. Which is the better deal. How do you know? **Show your work**

**Station #4 Factor Trees**

Use a factor tree to show the factors of the following two products:

54 82

**Station #5 Finding Factors**

Which of the following are factors of 88

3 , 4, 6, 7, 8, 9, 11, 21, 22, 24, 34, 44

**Station # 6 Building Blocks**

Find all the factor pairs for 16 by using the blocks to build them

**Make sure to draw your answers!**

**Station #7 Magic School Bus**

There are 12 boys and 18 girls in Ms. Frizzle’s science class. Each lab group must have the same number of boys and the same number of girls. What is the greatest number of groups Ms. Frizzle can make if every student must be in a group? Show your work!

**Station # 8 Factor Pairs**

Find all the factor pairs for 32 by using the blocks to build them

**Make sure to draw your answers!**

**Station # 9 Soccer Team Snacks**

Lauren’s family is to provide juice boxes and granola bars for 24 players on her soccer team. Juice comes in packs of 6, and granola bars in packs of 8. What is the least number of packs of each needed so that every player has a drink and a granola bar and there are none left over? **Show all your work!**

**Station #10 6 Factors**

List two numbers that have exactly 6 factors. Show what the factors are.

**Station #11 Venn**

Draw a Venn Diagram to show the first 6 multiples for 3 and 4

**Station #12 Venn**

Draw a Venn Diagram to show the factors of 24 and 20

**Station #13**

**Go to the following website** [**https://nrich.maths.org/5468**](https://nrich.maths.org/5468)

**Scroll down to the table of numbers. Move the numbers from the table to the blank space provided to try and get as long of a chain of multiples and factors.**