Name: _____   Date: _____

Christmas Fractions Worksheet

1.Santa has 30 gifts to deliver to the students of division 10. 5 of them are Nerf Guns, 10 of them are Video Games, 3 of them are stuffed toys and the remaining 12 are books.

Create a fraction to represent each of the gifts, as well as a visual representation of each fraction.

2.Kale and Josh were putting up stocking around the class. Maya and Chloe S each made a couple of red ones with Snowmen, while Kyle and Koby made 2 green stockings with Santa Claus on them. James and Leanne got in on the action too, James made a white one with a reindeer, and another red one with an elf. Leanne chose 2 green stockings, both with snowmen on them.

Create a list of fractions based on the stockings made by Division 10 students, as well as a visual representation of the different colours of stockings, and the different items that appear on them.

3. On boxing day, Emma was curious about what her classmates received for Christmas. She emailed all 30 classmates, but didn't hear back from 5 of them who were still away on vacation. Emma was shocked to find out how many of her classmates got expensive electronics. Sol got a PS4, Raiden and Tatum got new iPad minis, Matthew got a Samsung Galaxy Tablet, and Connor got a new Alienware PC. Thomas, Blake, Emily, Laini and Kendra all got new books, while Rowan, Jaylin, Charlie and Chloe C got shoes, and Erica got boots. Aiden, Justin, Sam, and Jackson scored new clothes, and the rest of the students received a variety of gifts including a set of earrings, a skateboard and a number of different toys.

Make a list of all of the fractions, and create a graph indicating all of the different categories of gifts received.