Packaging Challenge - How might we satisfy customers who want different options in their candy box?

Focus - Record multiple options and express thinking with diagrams and equations.

Name:_____________________________

Help Carter determine different ways to fill a box of confections (candies).

Each box holds 12 different confections. Which 12 candies and chocolates might you use to fill your orders?

Caramels, dark chocolate, peanut butter cups and chocolate dipped oranges are just some of the options. You can imagine 12 choices of your own to get started.

Record drawings and equations to represent different options for customers.

Use extra paper as needed. Can you try each of the following?

1. Draw it out. 2. Record equations. 3. Explain your process in words.

*How do you know when you’re done? Is it possible to find ALL of the ways to fill a box with 12 choices? What would change if the box capacity was doubled and there were 24 options?