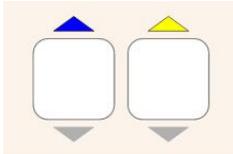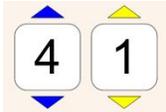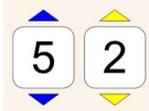First Name:_____ Last Name:_____ Class:_____

Activity Sheet: Making Green Paint
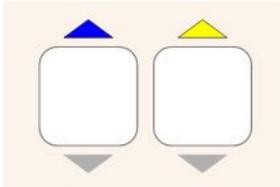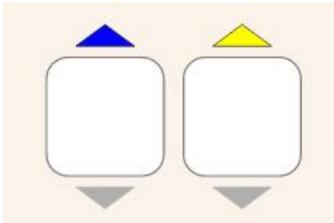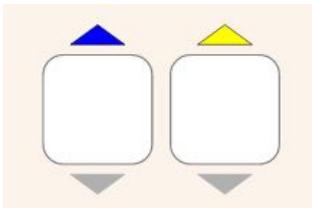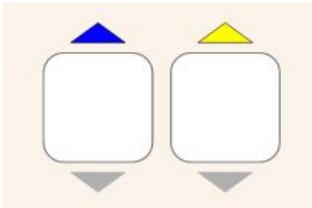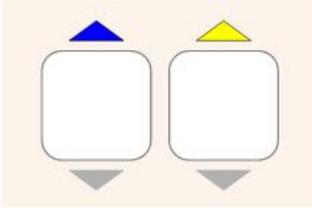### *with Proportion Playground*

Learning Objectives - Students will be able to:
● Describe the difference between absolute (additive) and relative (multiplicative) thinking using informal language.
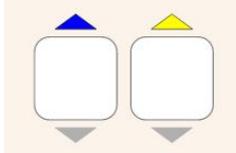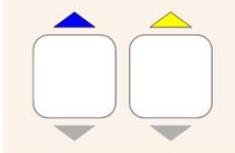
Questions:

Question	Your answers
#1	**Write** the number of blues and the number of yellows that make the "greenest" paint. Are there any other ways to make the "greenest" paint? Explain.
#2	Explain any patterns you notice in the numbers of blues and yellows. 5 2 4 1
#3	**Predict** which statement you think will be true. ☐ They will be the *same* shade of green ☐ The 5 2 will be more green ☐ The 4 1 will be more green **Explain** why you predict this:

Activity Sheet: Making Green Paint
with Proportion Playground

#4	**Write** the number of blue units and yellow units you used to make your favorite color. **Pair #1:**
#5	**Write** the number of blue units and yellow units on both sides. **Pair #1** **Pair #2** **Complete the sentence:** *When I look at the two sets of numbers, I notice that…*
#6	**Write** Pair #1 and #2 again in the spaces below. **Then** write the new pair of numbers in Pair #3. **new!** **Pair #1** **Pair #2** **Pair #3** **Complete the sentence:** *When I look at the three sets of numbers, I notice that…*
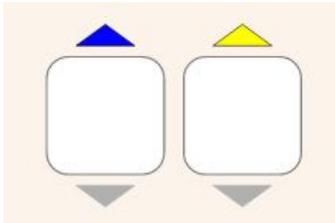
Activity Sheet: Making Green Paint
with Proportion Playground

#7	**Write** Pair #1,#2, and #3 again in the spaces below. **Write** a new pair of numbers in Pair #4. <u>*Do not use the simulation to check before you write the new pair!*</u> **new!** Pair #1 Pair #2 Pair #3 Pair #4
#8	Check if your 4th pair of numbers also makes you favorite color. **Complete the sentence:** *The four pairs of numbers make the same color because…*
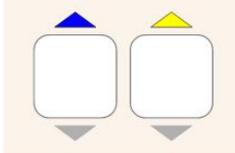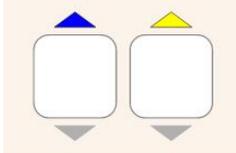
Reflection:

I am most proud of …