## 1. Which Mix is Darker?



$\qquad$ A will be darker
$\qquad$ $B$ will be darker
1.2 Use the Comparing Mixtures app to represent the two mixtures.

Select one or more visuals (tape diagram 1, tape diagram 2, etc.) to compare the mixtures. Complete the sentence frame with your answer and draw a visual.

I found out that Mixture $\qquad$ made a darker green than Mixture $\qquad$ .
Here is a visual that shows why my answer is correct:

## 2. Mystery Mix: A is Darker

Tanya has 2 new mixtures. She knows that Mixture $\mathbf{A}$ is a darker shade of green than Mixture $B$.
Tanya does not know the amount of green paint in Mixture A or the amount of white paint in Mixture B.
2.1. Use the Comparing Mixtures app to find the missing amounts of paint. You can use $\mathbf{1}$ to $\mathbf{1 2}$ cups of each kind of paint. Write your answers below.

$\qquad$ 8

Mixture B is lighter cups Green $\qquad$ cups White
2.2. Find other answers to this problem. List your answers below.
2.3. What strategies did you use to find the missing amounts?

