## Activity 3: Batches of Cookies

A recipe for one batch of cookies calls for 5 cups of flour and 2 teaspoons of vanilla.

1. Draw a diagram that shows the amount of flour and vanilla needed for *two* batches of cookies.
2. How many batches can you make with 15 cups of flour and 6 teaspoons of vanilla? Show the additional batches by adding more ingredients to your diagram.
3. How much flour and vanilla would you need for 5 batches of cookies?
4. Whether the ratio of cups of flour to teaspoons of vanilla is , , or , the recipes would make cookies that taste the same. We call these **equivalent ratios**.
   1. Find another ratio of cups of flour to teaspoons of vanilla that is equivalent to these ratios.
   2. How many batches can you make using this new ratio of ingredients?



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