

### Tiles in Three Bags

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Our team has bag \_\_\_\_\_ (write A, B, or C)

For each experiment do 12 samples.

Your bag has some red, yellow, and blue tiles. After each trial, make a prediction of how many of each color of tile could be in your bag.

|                               | Red | Yellow | Blue |
|-------------------------------|-----|--------|------|
| 1 <sup>st</sup><br>12 samples |     |        |      |
| 2 <sup>nd</sup><br>12 samples |     |        |      |
| 3 <sup>rd</sup><br>12 samples |     |        |      |

Your bag has one of the following: 6 red, 3 yellow, 3 blue OR

3 red, 9 yellow, 2 blue OR

2 red, 2 yellow, 8 blue

Make your final prediction. I predict there will be \_\_\_\_\_ red, \_\_\_\_\_ yellow, and \_\_\_\_\_ blue because \_\_\_\_\_

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**NOW YOU MAY DUMP THE TILES FROM YOUR BAG TO CHECK YOUR PREDICTION.**

Draw a spinner to represent tiles in your bag.

