

**▲●□** 5. Mr. Moreno’s class is planning a fitness day. Jessie and Roberto are painting signs for each of the stations. They mix red and blue paint to make a purple color that they like. To make it, they use a ratio of 2 drops of red to 3 drops of blue. Write a ratio of red paint to blue paint as a fraction.

6. Jessie and Roberto decide to mix a larger batch of paint so they can use it to paint all of the signs.

**▲●■** A. Fill in the table to show how much of each color they will need.

**Mixing Paint**

Red Paint	Blue Paint
2 drops	3 drops
4 drops	
12 drops	
	24 drops
	36 drops

**□●■** B. Jessie mixed a batch of paint using 15 drops of red and 30 drops of blue. Will Jessie’s paint be the same color of purple? Show or tell how you know.

**□●■** C. If Roberto starts with 3 cups of blue paint, how many cups of red will he need to add to make the same purple color they began with? Explain your thinking.