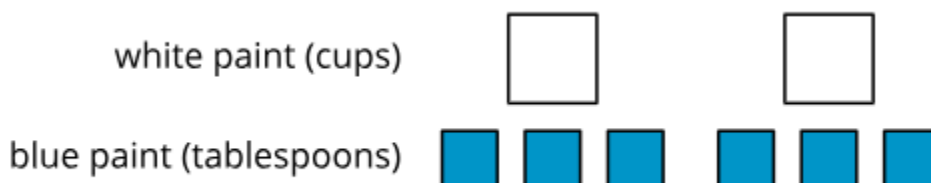


Equivalent Ratios

Double Number Lines Practice Activity **Answer Key**

Here is a diagram showing Elena's recipe for one batch of light blue paint.



1. Complete the double number line diagram to show the amounts of white paint and blue paint in different-sized batches of light blue paint.



2. STOP! Compare your double number line diagram with a partner. Discuss your thinking. If needed, revise your diagram.
3. How many cups of white paint should Elena mix with 12 tablespoons of blue paint? How many batches would this make?

There are 4 cups of white paint mixed with 12 tablespoons of blue paint. This would make 4 batches of the light blue paint.

4. How many tablespoons of blue paint should Elena mix with 6 cups of white paint? How many batches would this make?

There are 18 tablespoons of blue paint mixed with 6 cups of white paint. This would make 6 batches of the light blue paint.

5. Use your double number line diagram to find another amount of white paint and blue paint that would make the same shade of light blue paint.

Answers may vary. Refer to their double number line diagram above.

6. How do you know that these mixtures would make the same shade of light blue paint?

I know that these mixtures would all make the same shade of light blue paint since they are all equivalent ratios of white paint to blue paint.